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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

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Calcutta, the 24th January 1998

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Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 24 जनवरी 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोंडी इस्टेट,
तीसरा तल, लोअर परेल (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता-"पेटोफिस"

पेटेंट कार्यालय शाखा,
कक्ष सं 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता-"पेटेंटोफिक"

पेटेन्ट कार्यालय शाखा,
विंग सी (सी-4, ए)
तीसरा तल, राजाजी भवन बसन्त नगर,
चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

तार पता-"पेटेंटोफिस"

पेटेन्ट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय एवं तृतीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4 आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेन्ट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो मकद की आज्ञापी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

Dated : 22-12-1997

LIST OF HOLIDAYS FOR THE YEAR "1998"

No. A-45011/1/98—The following days have been declared as Holidays to be observed by the Patent Office, Calcutta, during the year 1998

Sl. No.	Holidays & Connected Festivals	Month & Date	Days of The Week
01.	REPUBLIC DAY	JAN. 26	MONDAY
02.	IDU'L FITTER	JAN. 30	FRIDAY
03.	HOLI / DOLA YATRA	MARCH 13	FRIDAY
04.	IDU'L ZUHA (BAKRID)	APRIL 8	WEDNESDAY
05.	MAHAVIR JAYANTI	APRIL 9	THURSDAY
06.	GOOD FRIDAY	APRIL 10	FRIDAY
07.	VAISAKHADI (BENGALI)	APRIL 15	WEDNESDAY
08.	MOHARRAM	MAY 7	THURSDAY
09.	BUDDHA PURNIMA	MAY 11	MONDAY
10.	MILAD-UN-NABI OR IE-E-MILAD (BIRTHDAY OF PROPHET MOHAMMAD)	JULY 7	TUESDAY
11.	INDEPENDENCE DAY	AUGUST 15	SATURDAY
12.	MAHA ASHTAMI (ADDITIONAL DAY FOR DUSSEHRA)	SEPTEMBER 29	TUESDAY
13.	DUSSEHRA (VIJAY DASHMI)	OCTOBER 1	THURSDAY
14.	MAHATMA GANDHI'S BIRTHDAY	OCTOBER 2	FRIDAY
15.	DIWALI (DEEPAVALI)	OCTOBER 19	MONDAY
16.	GURU NANAK'S BIRTHDAY	NOVEMBER 4	WEDNESDAY
17.	CHRISTMAS DAY	DECEMBER 25	FRIDAY

Note : Central Govt. Organisations, which include Industrial, Commercial & Trading Establishments (i. e. other than doing work of Secretariat nature) would observe 17 Holidays in a year out of which 3 namely, Republic Day, Independence Day & Mahatma Gandhi's Birthday will be compulsory, The remaining 14 occasions may be determined by such Establishments. Organisations Themselves on year to year basis,

H. D. THAKUR
Jt. Controller of Patent & Designs.

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE ROAD, CALCUTTA-20.

The dated shown in the crecent bracked are the dated claimed under section 135, under Patent Act, 1970.

03-12-1997

2271/Cal/97. Philips Electronics N.V., "Method of, and system for transmitting message" (Convention No. 9625373.7 on 6th December, 1996 in Great Britain).

2272/Cal/97. LG Electronics Inc., "Oil pickup apparatus for hermetic compressor". (Convention No. 45985/1996 on 6-12-96 in Republic of Korea).

2273/Cal/97. Samsung Electronics Co. Ltd., "Quality calculator for viterbi-decoded data using zero-state metrics" (Convention No. 97-24723 on 14-6-97 in Republic of Korea).

2274/Cal/97. Siemens Aktiengesellschaft., (2) Diffusion Alloys Ltd., "An article having a superalloy substrate and an enrichment layer placed thereon and methods of its manufacturing". (Convention No. 96308870.3 on 6-12-96 in EPO).

2275/Cal/97. Voith Turbo GMBH & Co. Kg., "Gear part, procedure for the operation of a gear part integraced in a driving line and hydrodynamic part" (Convention No. 19650339.6 on 4-12-96 & 29700605.3 on 15-1-97 in Germany).

2276/Cal/97. PPG Industries, Inc., "Amorhous precipiated silica characterized by high dispersion in cured organis rubber compositions" (Convention No. 08/769969 on 19-12-96 in U.S.A.).

2277/Cal/97. Dainichiseika Color & Chemicals Mfg. Co. Ltd., "Pigment dispersant, pigment dispersion, and pigment dispersion for color filter" (Convention No. 352568/1996 on 16-12-96 in Japan).

2278/Cal/97. Thomson Multimedia S.A., "Bi-Directional shift register" (Convention No. 08/761,918 on 9-12-96 in U. S. A.).

04-12-1997

2279/Cal/97. Daewoo Electronics Co., Ltd., "Interlaced binary shape coding method and apparatus".

2280/Cal/97. Eli Lilly and Company, "Pyrazoles as human non-pancreatic secretory phospholipase A2 inhibitors". Convention No. 60/033,216 on 4-12-96 in U. S. A.).

2281/Cal/97. Eli Lilly and Company, "Anti-Obesity proteins" (Convention No. 60/033, 561 on 20-12-96 in U.S.A.).

2282/Cal/97 Voith Turbo GmbH & Co. Kg.. "Method for improving the shifting quality during gear change and gear change control" (Convention No. 19650339.6 on 4-12-96 & 29700605.3 on 15-1-97 in Germany).

2283/Cal/97. Hitachi, Ltd., "A rotor for a dynamo-electric machine" (Convention No. - 8-328194 on 9-12-96 in Japan).

2284/Cal/97. Eaton Corporation, "Driveline clutch with unidirectional apply ball ramp" (Convention No. 08/766,838 on 13-12-96 in U.S.).

2285/Cal/97. Johnson / Johnson Consumer Compaines, Inc., "Use of lipophilic antioxidant compounds to prevent retinoid induced, UVA-mediated oxidative reactions" (Convention No. 08/762784 on 10-12-96 in U.S.A.).

2286/Cal/97. Siemens Aktiengesellschaft, "Apparatus for the state detection of N power capacitors of a high-voltage cupacitor bank". (Convention No. 19651726.5 on 12-12-96 in Germany).

2287/Cal/97. Sanyo Electric Co. Ltd., "Air conditioning system" (Convention No. 8-324232 on 4-12-96; 8-331297 on 11-12-96 and 9-155908 on 11-6-97 in Japan).

2288/Cal/97. Canal+Societe Anonyme, "Apparatus for processing digital audio-visual data".

2289/Cal/97. Canal+Societe Anonyme, "An apparatus for processing digital audio-visual data".

2290/Cal/97. Canal+Societe Anonyme, "An audio-visual apparatus".

2291/Cal/97. Canal+Societe Anonyme, "Multichannel digital television system".

2292/Cal/97. Canal+Societe Anonyme, "A digital decoder and memory card for downloading of applications".

2293/Cal/97. Canal+Societe Anonyme, "Modem device driver".

2294/Cal/97. Canal+Societe Anonyme, "Computer and decoder system".

2295/Cal/97. Canal+Societe Anonyme, "A transmission system and a receiver/decoder for downloading data".

2296/Cal/97. Trico Products Corporation, "Improvements relating to windscreen wiper harnesses" (Convention No. 9625152.5 on 4-12-96 in U.K.).

2297/Cal/97. Dr. Alvaro Vergara Piccaluga, "Regulating cell growth". (Convention No. 96308975.0 on 11-12-96 in Europe).

05-12-97

2298/Cal/97. Daewoo Electronics Co., Ltd., "Method and apparatus for encoding mode signals for use in a binary shape coder".

2299/Cal/97. Daewoo Eelectronics Co. Ltd., "Array of thin film actuated mirrors having a levelling member" (Convention No. 96-77169 & 96-77176 on 30-12-96 in South Korea).

2300/Cal/97. Daewoo Electronics Co. Ltd., "Method for manufacturing a thin film actuated mirror array having an enhanced structural integrity" (Convention No. 96-64438 on 11-12-96; 96-74032 on 27-12-96 and 97-43061 on 29-08-97 in South Korea).

2301/Cal/97. Paul Damian Nelson, "Bicycle seat" (Convention No. P04055 on 9-12-96; P05579 on 12-3-97 and PP0315 on 12-11-97 in Australia).

2302/Cal/97. Stone & Webester Engineering Corporation, "Improved chemical absorption process for recovering olefins from cracked gases" (Convention No. 08/764, 794 on 13-12-96 in U.S.A.).

2303/Cal/97. Otsuka Pharmaceutical Co. Ltd., "ADP-Ribosyltransferase inhibitor" (Convention No. 08-335462 on 16-12-96; 09-030139 on 14-2-97; and 09-030140 on 14-2-97 in Japan).

2304/Cal/97. 1. Shindengen Electric Manufacturing Co. Ltd., 2. Honda Giken Kogyo Babushiki Kaisha, "Ignition device of capacitor charging/discharging type" (Convention No. 08-352383 on 13-12-96 in Japan).

2305/Cal/97. Mannesmann VDO Ag., "Eddy current measuring device" (Convention No. 19652082.7 on 14-12-96 in Germany).

2306/Cal/97. Mannesmann VDO AG., "Eddy current measuring device for an indicator instrument" (Convention No. 19651614.5 on 12-12-96 in Germany).

08-12-1997

2307/Cal/97. ICI India Limited, "Novel, pharmaceutically active, acetonyl N, N'-diethyldithiocarbamates".

2308/Cal/97. ICI India Limited, "A process for the preparation of acetonyl N N'-diethyldithiocarbamates".

2309/Cal/97. Bhanu Bhusan Talukdar "Pollution control device for polluted air containing dust, smoke, gases, bad smell fumes".

2310/Cal/97. Daewoo Electronics Co. Ltd., "Method and apparatus for encoding object information of a video object plane".

2311/Cal/97. Daewoo Electronics Co. Ltd., "Method and apparatus for adaptively encoding a binary shape signal".

2312/Cal/97. Daewoo Electronics Co. Ltd., "Mode coding method and apparatus for use an interlaced shape coder".

2313/Cal/97. Daewoo Electronics Co. Ltd., "Apparatus and method for adaptive coding a binary shape signal" (Convention No. 97-57473 on 31-10-97 in South Korea).

2314/Cal/97. Chih-Huang Cheng, "Structure of a computer case".

2315/Cal/97. Betzdearborn Inc., A method for treatment of aqueous systems, for producing aqueous systems with controlled growth of microbes" (Convention No. 08/783,683 on 15-1-97 in U.S.A.).

2316/Cal/97. Pier Andrea Rigazzi, "Process for the formation of a fuel mixture and for its ignition in a pre-chamber that is open toward the cylinders".

2317/Cal/97. 1. E. I. Du Pont De Nemours and Company 2. Fiberite, Inc., "Polymides having high Tg., high tos, and low moisture regain" (Convention No. 60/038,938 on 24-2-97 in USA).

2318/Cal/97. Siemens Aktiengesellschaft, "Product which can be exposed to a hot gas and has a thermal barrier layer, and process for its production" (Convention No. 19651273.5 on 10-12-96 in Germany).

2319/Cal/97. General Electric Company, "Room temperature vulcanizable silicone compositions having a reduced stringiness" (Convention No. 08/795,009 on 5-2-97 in U S A).

2320/Cal/97. ARMCO Inc., "Method for producing silicon-chromium grain oriented electrical steel" (Convention No. 08/808,894 on 28-2-97 in U.S.A.).

2321/Cal/97. Lord Corporation, "Additives for controlling cure rate of ploymerizable composition" (Convention No. 08/781,555 on 9-1-97 in U. S. A.).

2322/Cal/97. Krone Aktiengesellschaft, "Terminal, isolating or connecting strip" (Convention No. 19652422.9 on 9-12-96 in Germany).

2323/Cal/97. Rabindra Kumar Debgupta, "A pressure stove".

09-12-1997

2324/Cal/97. 1. Madan Lal Narula, 2. Steel Authority of India Ltd., "A process for producing weldable quality steel of increased yield strength and corrosion resistance".

2325/Cal/97. Pranab Kumar Mondal, "An automatic accident prevention device for electric, diesel electric or coal driven railways".

2326/Cal/97. Centrol Suiluppo Materiali S.P.A., "Method for pickling products in a metal alloy containing iron and in titanium and allows thereof" (Convention No. RM96A000849 on 9-12-96 in Italy).

2327/Cal/97. Glaxo Group Limited, "Peptides and compounds that bind to a receptor" (Convention No. 08/764640 on 11-12-96 in U. S. A.).

2328/Cal/97. Biostore New Zealand Limited, "Compositions and methods for the preservation of living tissue".

2329/Cal/97. Harris Corporation, "Ring trip circuit" (Convention No. 764,487 on 12-12-96 in U.S.A.).

2330/Cal/97. Orlev Scientific Computing Ltd., "Method of and apparatus for controlling turbulence in boundary layer and other wall-bounded fluid flow fields" (Convention No. 08/766,380 on 9-12-96 in U.S.A.).

2331/Cal/97. Kuraray Co. Ltd., "Process for the preparation of cyclopropylacetylene derivatives "Convention No. 335746/1996 on 16-12-96; 65845/1997 on 19-3-97 and 290070/1997 on 22-10-97 in Japan).

2332/Cal/97. Degussa Aktiengesellschaft, "Process for the production of BIS (Silylorganyl)-polysulphanes" (Convention No. 19651849.0 on 13-12-96 in Germany).

2333/Cal/97. Siemens Aktiengesellschaft, "Process and equipment to control at least one of the capacitive regulating limbs". (Convention No. 19652801.1 on 18-12-96 in Germyan).

2334/Cal/97. Thomson Consumer Electronics, Inc., "Data decompression system for an MPEG compatible signal processor".

2335/Cal/97. Leif Bulow. "Transgenic plants having increased freezing and choline tolerance" (Convention No. 9604532-3 on 9-12-96 in Sweden).

10-12-1997

2336/Cal/97. Kabushiki Kaisha Sato, "Printing apparatus".

2337/Cal/97. Umesh Prasad Singh and Steel Authority of India Ltd., "A proces for producing bainitic rail steel of improved quality",

2338/Cal/97. Industrial Technology, Inc., "Omnidirectional passive electrical marker for underground use".

2339/Cal/97. Bosch-Siemens Hausgerate GmbH., "Washing drum for a wash treatment machine and tool for its production". (Convention No. P19651295.6 on 10-12-96 in Germany).

2340/Cal/97. Babcock-Hitachi Kabushiki Kaisha, "Boilet" (Convention No. 08-337020 on 17-12-96 in Japan).

2341/Cal/97. Sumitomo Chemical Company, Limited, "Liquid insecticidal preparation for heat fumigation and method for controlling insects by heat fumigation" (Convention No. 08-343452 on 24-12-96 in Japan).

2342/Cal/97. Siemens Aktiengesellschaft, "Transponder with a micro wave receiving antenna" (Convention No. 19652324.9 on 16-12-96 in Germany).

2343/Cal/97. Thomson Consumer Electronics, Inc., "Constant current horizontal scan generator" (Convention No. 08/771,099 on 20-12-96 in U S A).

2344/Cal/97. General Labels & Labelling (M) Sendirian Berhad., "Method for pre determinably positioning and orientating an article or a series of articles being carried on a moving conveyor and apparatus therefor" (Convention No. 9605238 on 13-12-96 in Malaysia).

ALTERATION OF DATE

180312 Filed on 23 Dec. 1987.

(1119/Del/87). Ante-dated to 11 April 86.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the patent office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों की मुद्रित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Class - 101 F 180261

Int. Cl.[4] : E03B 5/04.

FALLING WATER WEIGHT AIDED LIFTING DEVICE.

Applicant & Inventor : VALLAIPPAN VELAYUDAM THANGA THIRUPATHY, 33 ULAGAPPA MAISTRY STREET CHINTADRIPET, CHENNAI-600 002, TAMIL NADU, INDIA, AN INDIAN CITIZEN.

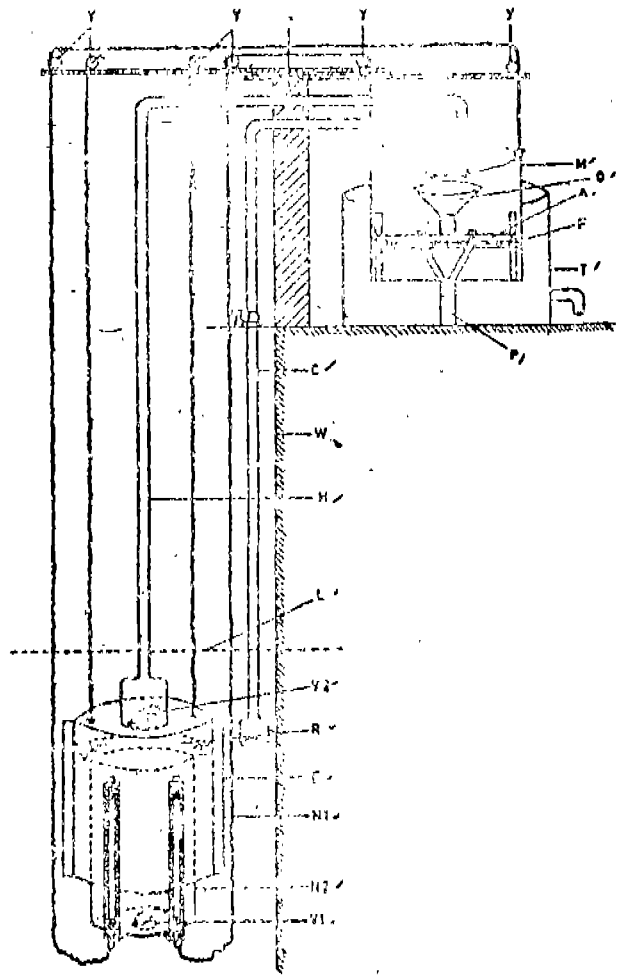
Application No. 28/Mas/91 dated January 18th 1991.

Complete Specification left : 4th June 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

2 Claims

A falling water weight aided lifting device comprising a hanging metal tank with a central hinge rod having two metal flaps, the said central hinge rod being guided by two guide poles disposed at the bottom of the hanging metal tank; a perpendicular rod having two lifting bands erected from the bottom of a cement water tank in which the hanging water tank is disposed, the said hanging water tank being connected through ropes and pulleys to a cylinder assembly consisting of an outer cylinder and an inner cylinder mounted concentrically, the inner cylinder having a flap valve at the bottom and the outer cylinder having a flap valve at the top which is connected to a hose pipe, the said hose pipe having an outlet for feeding water into the hanging metal tank, the said inner cylinder, at its bottom, having four stretched out projections with four vertical supports which surround the said outer cylinder and having in their middle a length-wise slot hole and a keybar, and at its top end which is flared out, a gasket is provided with a funnel-like and flower petal like metal ring split into a four parts.



(Prov. - 6 pages; Com - 7 pages; Drwgs. 3 sheets)

Ind. Cl. : 48 C 180262

Int. Cl.[6] : H 01 B 3/18.

A PROCESS FOR PREPARING DIELECTRIC COMPOSITION.

Applicant : ATOCHEM, A FRENCH BODY CORPORATE, OF 4 & 8 COURS MICHELET LA DEFENSE 10 92800 PUTEAUX, FRANCE

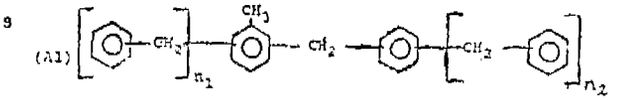
Inventors : 1. RAYMOND COMMANDEUR FRANCE, 2. NOELLE BERGER, FRANCE, 3. PIERRE JAY, FRANCE.

Application No. 159/Mas/91 filed on 26th February, 1991.

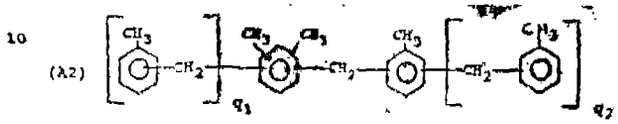
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

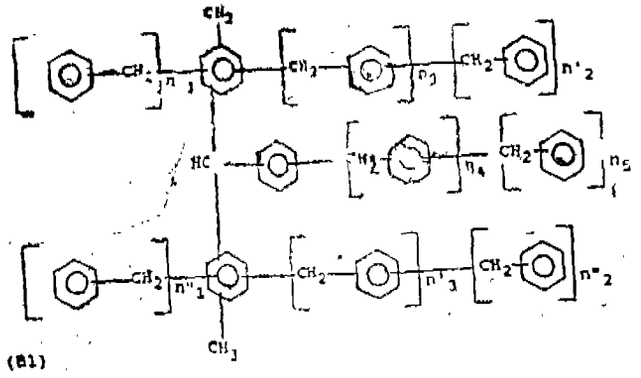
A process for preparing dielectric composition which comprises at least one isomer or a mixture of isomers of benzyltoluene formula A1 :



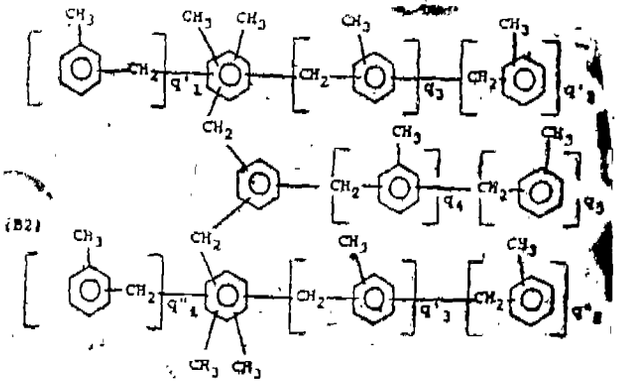
with n_1 and n_2 independently=0, 1 or 2 such that $n_1 + n_2$ is less than or equal to 3; at least one isomer or a mixture of isomers of (methylbenzyl) xylene of formula A2 :



with q_1 and q_2 independently=0, 1 or 2 such that $q_1 + q_2$ is less than or equal to 3; optionally an isomer or a mixture of isomers of formula B1 :



in which n'_1, n''_1 and n_4 are independently equal to 0, 1 or 2 n'_2, n''_2, n_3, and n_5 are independently equal to 0 or 1, such that $n''_1+n''_1+n''_1+n'_2+n''_2+n'_3+n'_3+n_4+n_5$, which is denoted by S_{1n}, is less than or equal to 2; and optionally an isomer or a mixture of isomers of formula B_2 :



in which q'_1, q''_1 and q_4 are independently equal to 0, 1 or 2, q'_1, q''_2, q_3, q'_3 and q_5 are independently equal to 0 or 1, such that $q'_1+q''_1+q'_2+q''_2+q''_3+q_3+q_4+q_5$, which is denoted by q_{2q}, is equal to or less than 2; w erein the composition comprises at least 10 parts of products A2 per 90 parts of product A1, optionally at most 15 parts of products B1 per 100 parts of A1, and optionally at most 15 parts of product B 2 per 100 parts of A 2 which process comprises,

(a) condensing benzyl chloride with toluene in the presence of a Friedel Crafts catalyst, and

(b) condensing methylbenzyl chloride with xylene in the presence of Friedel Crafts catalyst; and then mixing the products of (a) and (b).

Ref. Cited : U. S. Patent No. 4523044.

Agent : DePenning & DePennang.

(Com. 20 pages; Drawgs - Sheets)

Ind. Cl. : 67-C & 127-I 180263

Int. Cl.[6] : G 05 B 13/00, 19/00.

A SYSTEM WHICH MAKES AT LEAST PROPORTIONAL CONTROL OPERATION (P) AND DERIVATIVE CONTROL OPERATION (D).

Applicant : KABUSHIKI KAISHA TOSHIBA, OF 72, HORIKAWA-CHO, SAIWAI-KU, KAWASAKI-SHI, KANAGAWA-KEN, JAPAN, A JAPANESE COMPANY.

Inventor : KAZUO HIROI.

Application No. 187/Mas/91 dated March 5, 1991.

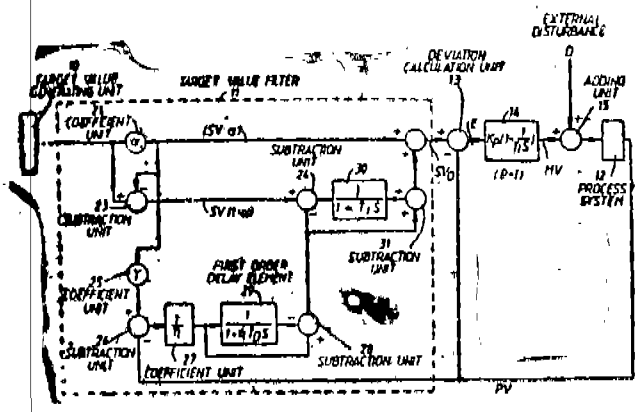
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

A system (16), which makes at least proportional control operation (P) and derivative control operation (D) among proportional, integral and derivative control operation (PID) to two degree of freedom by using a deviation between a target value and a control amount value output from said process system, and outputs a result of said control operations to said process system, thereby said control amount value is controlled to adjust to the target value, said system comprising,

a plurality of proportional gain revision coefficient storing means (17, 18) for storing a plurality of given proportional gain revision coefficients for degrees of freedom; and

coefficient selecting means (19, 20) for selecting a proportional gain revision coefficient for two degrees of freedom from among said plurality of given proportional gain revision coefficients.



(Com. : 22 pages; Drwgs. : 4 sheets).

Ind. Cl. : 146-E 180264

Int. Cl.[4] : G 01 J 5/02.

A THERMAL INFRARED DETECTOR OR AN ARRAY THEREOF AND A METHOD FOR MAKING THE SAME.

Inventor : KEVIN CHARLES LIDDIARD.

Application No. 329/Mas/91 dated April 25, 1991.

Convention date : April 26, 1990; (No. PJ 9813; Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

A thermal infrared detector, comprising a supporting substrate having one or more cavity; one or more dielectric pellicle of low thermal conductivity material suspended over the said cavity; one or more heat sensitive semiconductor layer and a plurality of than film metalic contacts therefore deposited onto the said dielectric pellicle.

(Com. : 18 pages; Drwgs. : 5 sheets)

Ind. Cl. : 50-E₂ 180265.

Int. Cl.[4] : F 25 B 15/00.

CONTROL DEVICE FOR ABSORPTION REFRIGERATOR.

Applicant : SANYO ELECTIC CO. LTD., A COMPANY OF JAPAN, OF 2-18, KEIHANHONDORI, MORIGUCHI-SHI, OSAKA-FU JAPAN.

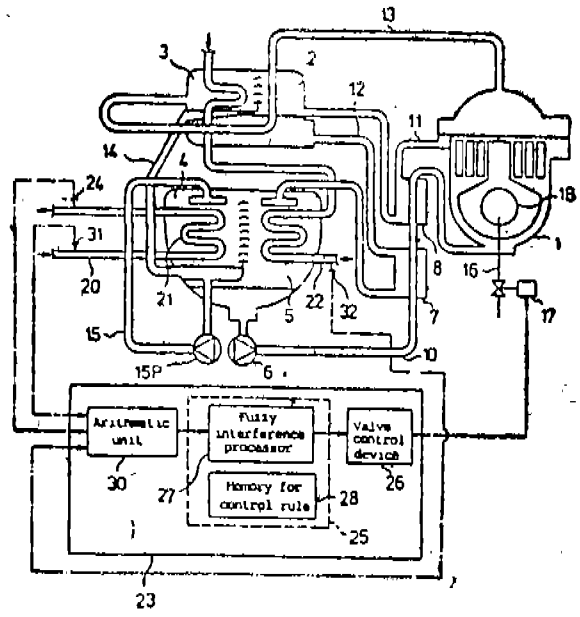
Inventors : (1) HIDETOSHI ARIMA,
(2) EIICHI ENOMOTO,
(3) MASAHIRO FURUKAWA,
(4) KAZUHIRO YOSHII,
(5) MASAYUKI OONOU,
(6) TOSHIYUKI KANEKO,
(7) ATSUSHI OGAWA,
(8) KAZUHIRO HITOMI,
(9) MASAHIRO MAEKAWA.

Application No. 404/Mas/91 dated May 27, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A control device for an absorption refrigerator which forms a refrigeration cycle comprising an evaporator, an absorption unit, a generator, a condenser and the like connected to control a heating amount of the generator by the external conditions, detecting means provided for detecting deviation from a set value of a cold-water outlet temperature from the evaporator as said external conditions, and a control valve for controlling the heating amount of said generator by the fuzzy logic calculation on the basis said deviation, membership functions and fuzzy rules.



(Com. : 70 pages; Drwgs. : 21 sheets)

Ind. Cl.: 36 A 1 180266.

Int. Cl.[4] : F 04 D-29/08.

A MECHANICAL FACE SEAL.

Applicant : JOHN CRANE INC., OF 6400 OAKTON STREET, MORTON GROVE, ILLINOIS, USA, A DELAWARE CORPORATION.

Inventor : JOHN CRANE INC.,

Application No. 423/Mas/91 filed on 3rd June 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

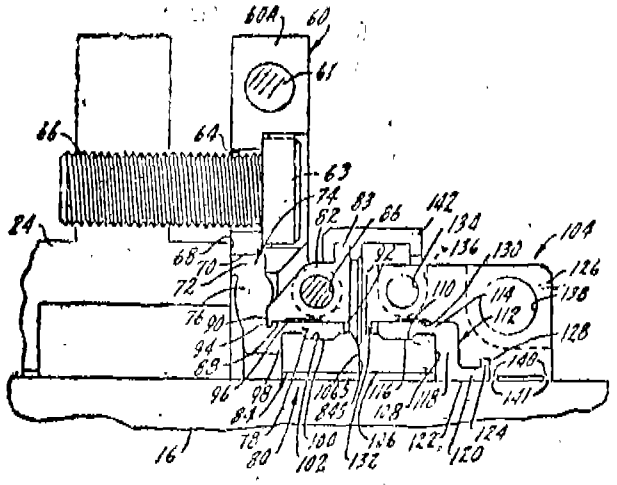
15 Claims

A mechanical face seal for providing fluid-tight sealing between a housing (24, 24') and a shaft (16, 16') adapted to rotate relative thereto, said seal comprising :

Adjacent, rigid, annular primary and mating rings (84, 106, 84', 106') each defining generally radial opposed sealing faces (84S, 106S, 206), each of said rings (84, 106, 84', 106') having a plurality of arcuate ring segments and means for joining and retaining the segments of each of said rings (84, 106, 84', 106') in rigid connection with the other segments of each said ring, whereby each said opposing sealing face (84S, 106S, 206) defined by said rings has a smooth surface devoid of discontinuities around the complete circumference of each said annular ring (84, 106, 84', 106'); a plurality of resilient means (74, 112 . 74', 112') positioning, supporting and biasing at least one of said rings (84, 106, 84' 106') and holder means 82, 126' 82' 126') for said rings (84, 106, 84' 106'), said holder means circumferentially connecting said respective resilient means (74, 112, 74' 112') to its associated ring (84, 106, 84', 106') in a substantially concentric relationship characterized by, for providing a split mechanical face seal, a

resilient split means (74, 74') for said primary ring (84, 84') and a resilient split means (112, 112') for said mating ring (106, 106'), each said resilient split means (74, 112, 74', 112') positioning and supporting its associated ring (84, 106, 84', 106') in a generally coaxial relationship with the shaft (16, 16') and with the other ring (106, 84, 106', 84') so that the sealing face (84S, 106S, 206) of each said ring is in opposite and facing relationship to the sealing face of the other said ring, said resilient split means (112, 112') for said primary ring (106, 106') rigidly supporting said primary ling (106, 106') from axial and radial movement, said resilient split means (74, 74') for said mating ring (84, 84') nonrigidly supporting said mating ring (84, 84') and biasing said mating ring (84, 84') in an axial direction against said primary ring (106, 106'); and a split holder means (82, 82') for said mating ring (84, 84') and a split holder means (126, 126') for said primary ring (106, 106') each split holder means (82, 126, 82', 126') comprising a pair of semicircular holder members (82A, 82B) releasably attachable to each other and when in an attached condition, sealingly engaging and comprising to a limited degree at least a portion of said respective resilient split means (74, 112, 74', 112') upon its associated segmented ring (84, 106, 84', 106').

Agent : De Penning & De Penning



(Com. Specn. 43 pages; Drwg. 05 Sheets).

Ind. Cl. : 27—K 180267.

Int. Cl.[4] : E 04 H 12/00.

A PROCESS OF MANUFACTURING A THREE PIECE HOLLOW R.C.C. POST AND THE POST SO MADE.

Applicant & Inventor : ANTONY FERNANDEZ, "SWARGADHAANAM", P.T.P. NAGAR, THIRUVANANTHAPURAM-695 038, KERALA STATE.

Application and provisional Specification No. 161/Mas/92 dated March 17, 1992.

Complete Specification left: June 11, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

3 Claims

A process of manufacturing a three-piece hollow R.C.C. post comprising the steps of making spiral iron reinforcement on longitudinal rods welded to threaded joints inside the spiral reinforcement, and is placed in the two-piece round tube-like mould, touching either end of the mould having two polished or coated iron plates end a plastic coated shaft in between the two plates having holes in the centre to take the ends of the shafts and tighten the spiral reinforcement with male and female typemetal joints, threaded at both ends for the purpose of joining the pieces by screwing, and is pushed in the mould while both ends touch the plates fixed at both ends of the mould temporarily.

(Prov. : 4 pages ; Com. : 6 pages ; Drwgs. 1 sheet)

Ind. Cl. : 85 J 180268

Int. Cl.[4] : F 27 D 19/00.

APPARATUS FOR OPENING AND CLOSING A TAPHOLE OF A METALLURGICAL FURNACE.

Applicant : HOOGOVENS TECHNICAL SERVICES CANADA INC., 5063 NORTH SERVICE ROAD, BURLINGTON, ONTARIO L7L 5H6, CANADA.

Inventor : REGINALD W WINCH.

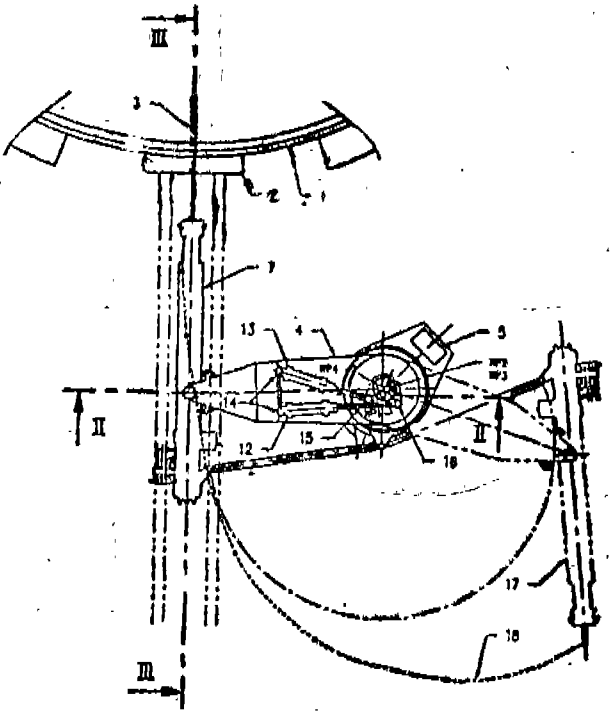
Application No. : 322/Mas/93 dated 12th May, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

Apparatus for opening and closing a taphole of a metallurgical furnace comprising :

a stationary pedestal carrying an upper boom and a lower boom, both booms being mounted for independent slewing movements with one of their ends around the pedestal, driving means connected to each of the booms for performing the slewing movements, a drilling machine connected to an angle to the free end of one of the booms, and a plugging machine connected at an angle to the free end of the other booms, wherein the swing paths of the upper and lower booms are alightly inclined with respect to each other resulting in swing paths in which the drilling machines are freely moved to parked positions away from the taphole, at heights suitable for operations and maintenance, and in which each of these machines are moved separately into its servicing position in front of the taphole.



(Compl Specns. : 13 pages; Drawings : 7 Sheets)

Ind. Class : 32-C 180269

Int. Cl.[4] : C 12 P 21/00.

A METHOD OF PRODUCING OF CONOTOXINS.

Applicant : ASTRA RESEARCH CENTRE INDIA, AN INDIAN REGISTERED SOCIETY, OF 18TH CROSS, MALLESHWARAM, BANGALORE-560 003, KARNATAKA STATE, INDIA.

Inventor : BACHALLY RAMASASTRY SRINIVASA

Application No. : 1198/Mas/94 dated December 2, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A method of production of conotoxins which comprises the steps of :

(a) Constructing a plasmid such as herein described that encodes a GST-conotoxin fusion protein along with an enzymatically cleavable site at the site of fusion;

(b) transforming into a suitable E. Coli host with the plasmid from step (a).

(c) expressing the fusion product by culturing using known methods based on the properties of the bacterial host harbouring the plasmid;

(d) purifying the fusion product by a method such as herein described;

(e) cleaving the product by a method such as herein described to separate GST and conotoxin;

(f) purifying the cleaved conotoxin from step (e) by a known method.

(Compl. Specns. : 21 pages; Drwgs. : 3 Sheets)

Ind. Class : 55-E₄ 180270

Int. Cl.⁶ : A 61 K 31/00.

A METHOD FOR PREPARING A SOLID PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF INFECTION OR DISEASE CAUSED BY THE HEPATITIS B VIRUS.

Applicant : OCLASSEN PHARMACEUTICALS INC., INCORPORATED IN THE STATE OF CALIFORNIA, U.S.A., OF 100 PELICAN WAY, SAN RAFAEL, CA 94561, U.S.A.

Inventors : (1) DENNIS W. ADAIR, U.S.A.
(2- KENNETH A. SMILES, U.S.A.
(3- DANNIE KING, U.S.A.

Application No. : 27/Mas/95 dated January 9, 1995.

Divisional to Patent Application No. 203/Mas/93; Antedated to March 22, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A method of preparing a solid pharmaceutical composition for the treatment of infection or disease caused by Hepatitis B virus comprising admixing 0.1 to 1 wt% of a compound selected from 1-(2'-deoxy-2'- fluoro-B-D-arabinafuranosy)-5-iodouracil (FIAU), a produrg of FIAU and a metabolite of FIAU with at least one solid pharmaceutically acceptable diluent in the range of 30 to 97 wt%, at least one disintegrant in an amount of between 1 to 10 wt% and at least one lubricant in an amount between 0.25 to 2 wt% to obtain the pharmaceutical composition having a low but antivirally effective dosage of the compound in the range of 0.05 to 1 mg/kg per day and a steady state peak plasma concentration of the compound in the range of 0.1 to 10 mg/ml.

(Compl. Specns. : 73 pages; Drwgs. : 16 Sheets)

Ind. Cl. : 195 G 180271

Int. Cl.⁶ : F 16 K 3/00.

"A CANTILEVER SPRING FOR A SLIDING GATE VALVE".

Applicant : FLAVCON SYSTEMS, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF ILLINOIS, OF 1404 NEWTON DRIVE, ILLINOIS, CHAMPAIGN, U.S.A.

Inventor : (1) PATRICK D KING.

Application No. : 432/Mas/91 filed on 5th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A cantilever spring for a sliding gate valve having a frame provided with means for mounting the said cantilever spring at its lower portion and a plurality of refractory members, each refractory member having an orifice for fluid flow therethrough, the said cantilever spring comprising a heel portion and a cantilever portion, the length of the said cantilever portion being at least a length twice the thickness of the said heel portion, the said cantilever portion extending from the said heel portion the heel portion being provided with mounting means, the said cantilever portion having a working face propartioned to engage an adjacent refractory member, and having securing means for securing the said cantilever spring to the slide gate valve.

(Compl. Specns. : 14 pages; Drwgs. : 2 Sheets)

Ind. Cl. : 165 C 180272

Int. Cl.⁶ : B 65 H 3/08.

A SYSTEM FOR FORMING A SEAN.

Applicant : THE CHARLES STARK DRAPER LABORATORY INC. 555 TECHNOLOGY SQUARE CAMBRIDE, MASSACHUSETTS 02139, U.S.A.

Inventors 1. DONALD C. FYLER 2. LAYTON C. HALE.

Application No. 158/Mas/91 filed on 14th Jun 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

A system for forming a seam joining a first limp material segment to a second limp material segment, said seam extending along a first predetermined path from a start point to an end point on said first segment, and extending along a second predetermined path from a startpoint to an end point on said second segment, comprising :

(a) a support for supporting said first and second limp material segments in an overlapping relation and in a segment locus substantially parallel to a workpiece support plane;

(b) an elongated needle extending along a needle axis, said needle axis being substantially perpendicular to said workpiece support;

(c) means for selectively driving said needle in a reciprocal motion in a needle locus extending along said needle axis and intersecting with said support plane; and

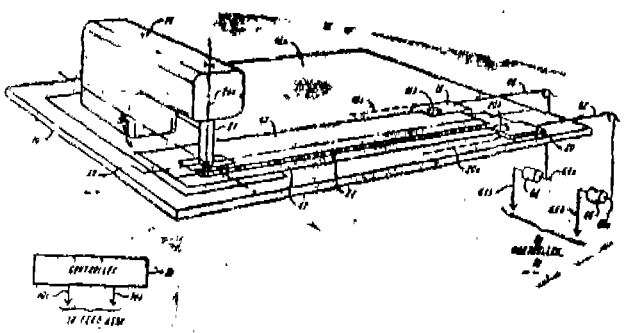
(d) a differential feed assembly responsive to a first feed signal and a second feed signal for selectively independently advancing said first and second limp material segments respectively, in the direction of a feed axis parallel to said support plane and past the intersection of said needle locus with said support plane;

(e) separator for frictionally decoupling the adjacent surfaces of said overlapping segments upstream of said needle locus;

(f) first tracker for generating a first end point position signal representative of the position along said feed axis of said end point on said first segment;

(g) second tracker for generating a second end point position signal representative of the position along said feed axis of said end point on said second segment; and

(h) controller responsive to said first end point signal and said second end point signal to generate said first feed signal and said second feed signal and for controlling said needle, whereby said seam is established with at first and second paths substantially having a predetermined positional relation.



(Compl. Specn. 37 pages; Drwngs. 5 sheets.)

Ind. Cl. : 40 F 180273

Int. Cl.[6] : C 07 C 126/00.

A CYCLONE-TYPE VACUUM SEPARATER OF VAPOURS GENERATED BY THE DISTILATION OF AN UREA SOLUTION.

Applicant : UREA CASALE SA, OF VIA DELLA POSTA 4, 6900 LUGANO, SWITZERLAND.

Inentor : Giorgio Pagani.

Application No. 460/Mas/91 filed on 17th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A cyclone-type vacuum separator (Sc) of vapours generated by the distillation of an urea solution, comprising an annular wall (Po) coaxially located within an internal wall thereof and forming an annulus (AN1) therewith, characterized in that it further comprises :

(a) a first annular element (A) coaxially located within said annular wall (Po), said first annular element (A) having a lower end (P) welded to said annulus-forming wall (Po), thereby defining a first jacket (Z) having the form of an open pocket closed on bottom, the upper end (ESA) of said first element (A) being free and having a diameter smaller than that of the lower end (P) thereof;

(b) a second element (B), having the form of a dome overhanging the first element (A), said second element (B) having a lower end (RIB) located at a height lower than that of the upper end (ESA) of said first element (A) and having a diameter greater than that of said first element (A), a second jacket (AN2) being provided between said first (A) and second (B) elements;

(c) third elements (Si) for the distribution of a washing liquid (W), located within said second jacket (AN-2);

(d) pipe means (Ti) for withdrawing an urea-enriched washing liquid (W') from the seperator (Sc), located on the outer periphery of said first jacket (Z).

(Compl. Specn. 17 pages; Drwngs. 4 sheets.)

Ind. Cl. : 39.0 180274

Int. Cl.[4] : C 01 B 33/00.

A METHOD FOR PREPARING A ZEOLITE.

Applicant : CHEVRON RESEARCH AND TECHNOLOGY COMPANY, A CORPORATION DULY ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE OF 555 MARKET STREET, SANFRANCISCO, CALIFORNIA, USA.

Inventor : STACEY I ZONES.

Application No. 498/Mas/91 filed on 1-7-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

A method for preparing a zeolite having a mole ratio of silicon oxide to aluminum oxide greater than about 20:1 to less than 40:1 and having the following X-ray diffration lines;

d/n	Int.I/Io
11.05	26
10.05	10
7.83	17
4.545	71
4.277	71
3.915	100
3.726	98

said process comprising :

(a) preparing an aqueous mixture containing sources of an alkali metal oxide, an Nlower alkyl-N-isopropyl-imidazolium cation, an oxide of aluminum and an oxide of silicon, wherein the aqueous mixture has a composition in terms of mole rations of oxides falling in the ranges :Sio_2/Al_2O_3, 20:1 to less than 40:1; Q/SiO_2, 0.50:1; and q is an N-lower alkyl-N-isopropyl-imidazolium cation;

(b) maintaining the mixture at a temperature of at least 100°C until the crystals of said zeolite form; and

(c) recovering said crystals.

(Compl. Specn. 34 pages; Drwng. Nil)

Ind. Cl. : 172 C9 180275

Int. Cl.[5] : D01G 13/00.

DOSING APPARATUS FOR DELIVERING PREDETERMINABLE QUANTITIES OF FIBRE FLOCKS PER UNIT OF TIME.

Applicant : MASCHINFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF WINTERTHUR, SWITZERLAND.

Inventors :

1. JURG FAAS
2. PETER BRUETSCH
3. ROBERT DEMUTH

Application No. 536/Mas/1991 filed on 16th July 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A dosnig apparatus for delvering predeterminable quantities of fibre flocks (60) per unit of time, the said apparatus comprising two feed devices lodated at the lower end of a flock chute and forming between them a conveying gal wherein an opening roller (22) is provided below the feed devices, the said feed device being selected from

(a) two mutually opposed driven feed rollers (20, 18),

(b) a driven rotatable feed roller (20) and a chute (300) opposite thereto.

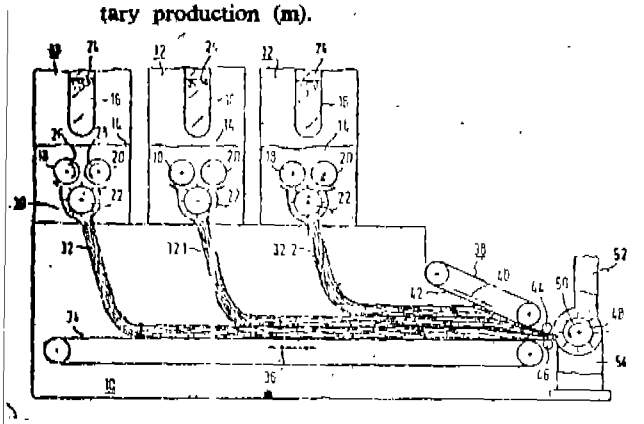
(c) a driven rotatable feed roller (20) and a belt (306) opposite thereto which is driven or freely rotating,

(d) two mutually opposed rotating belts (306, 326), with at least one of the belts (306) being driven and the other either rotating or also being driven,

(e) a driven rotating belt (326) and a chute (300) opposite thereto,

(f) a driven rotatable feed roller (20) and a further feed roller (18) disposed freely rotatable and opposite thereto,

(g) a driven rotatable feed roller (20.2) and a feed trough (322) opposite thereto, whereby in all possible embodiments (a) to (g) the conveying gap converges towards the minimum width, whereby a pretensioning device (76, 76.2, 76.3, 76.5) is provided to pretension at least one of the feed devices in the direction of the other feed devices, whereby at least one of the feed devices being movable away from the respective other feed devices under the pressure of the flocks, a path measuring device is provided to determine the distance arising during the operation of the flock conveyance between the two feed rollers at the position of the minimum width or a value proportional thereto, and a control unit is provided to control the surface running speed (u) of the movable feed device (s) owing to the determined distance (x) in the sense of reaching a predetermined schedule value (m_{soll}) of momentary production (m).



(Com. Specn. 6 Pages; Drwgs. 10 Sheets)

Ind. Class - 181 180276

Int Cl.[6] : F 16 J 15/34.

A SEALING RING FOR A SPIRAL GROOVE MECHANICALL FACE SEAL SYSTEM.

Applicant : JOHN CRANE INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., LOCATED AT 6400 OAKTON STREET, MORTON GROVE, ILLINOIS, UNITED STATES OF AMERICA.

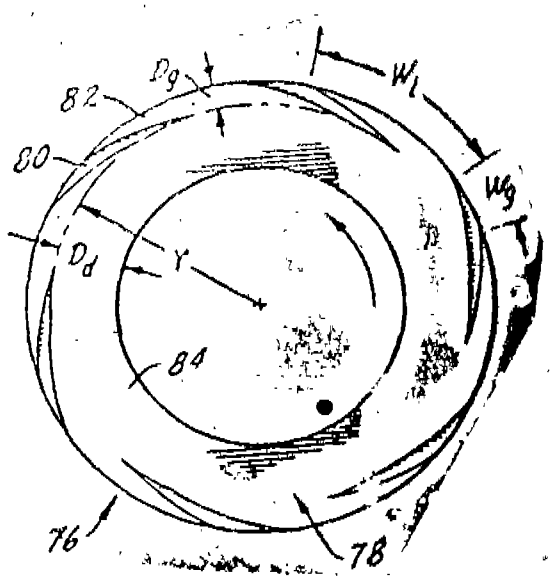
Inventors : (1) WEI-TANG LAI, (2) GLENN G. PECHT.

Application No. 543/Mas/91 dated July 17, 1991.

Appropriate Office for Opposition Procedins (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

16 Claims

A sealing ring for a spiral groove mechanical face seal system, the seal system for sealing a rotatable shaft extending through a housing aginst leakage of a high vapor-pressure liquid and having spaced apart upstream and downstream modules, said upstream moudule comprising means to change the phase of said liquid to be sealed comprising a seal having a primary ring affixed to the housing and a mating ring affixed for rotation with the shaft, a radially extending seal face having first and second circumferential edges and having a plurality of downstream pumping spiral groves extending inwardly from said first circumferential edge of the seal face to a circumferential boundary intermediate said first and second circumferential edges, the circumferential boundary line and the first circumferential edge defining a groove portion having a radial width taken betwene said boundary and said first edge in a radial direction, and the circumferential boundary and the second circumferential edge defining a dam portion having a radial width taken along a radius between said second edge and said intermediate line, said spiral grooves in said groove portion being separated by a plurlity of lands disposed between said spiral grooves the surface of the lands being in a plane substantially coextensive with a plane defined by said dam portion of said sealing ring, the grooves and lands defining a groove surface area and a land surface area, and a ratio of the land surface area relative to the groove surface area being greater than one.



(Com. : 31 pages; Drwgs. : 3 sheets)

Ind. Class : 140-A$_2$ 180277

Int. Cl.^{6} : C 07 C 5/13
C 10 G 47/02.

A PROCESS FOR PRODUCING LUBE OIL.

Applicant : CHEVRON RESEARCH AND TECHNOLOGY COMPANY, A CORPORATION DULY ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, OF 555 MARKET STREET, SAN FRANCISCO, CALIFORNIA, UNITED STATES OF AMERICA.

Inventor : STEPHEN J. MILLER.

Application No. : 564/Mas/91 dated July 25, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

27 Claims

A process for producing lube oil comprising isomeriging a waxy feed (1) (having greater than 50% wax and/or (2) exhibiting a high pour point above 0°C and having greater than 70% paraffinic carbon over a catalyst comprising a molecular sieve having oval 1-D pores having a minor axis between 4.2A° and 4.8 A° and a major axis between 5.4A° and 7.0A° and at least one Group VIII metal at a pressure of from 15 psig to 2000 psig.

(Compl. : 67 pages; Drwgs. : 2 Sheets)

Ind. Cl : 152 F 180278

Int. Cl.^{6} : C 08 J 61/00.

"A METHOD OF PREPARING A HARDENABLE PHENOLIC RESIN BINDER COMPOSITION".

Applicant : BORDEN CHEMICAL INC., A US COMPANY, OF 180 EAST BROAD STREET, COLUMBUS, OHIO 43215, U.S.A.

AN AMERICAN COMPANY.

Inventors : ARTHUR HARRY GERBER.

Application No. : 574/Mas/91 dated 30th July, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

19 Claims

A method of preparing a hardenable phenolic resin binder composition which comprise mixing :

(a) a hardenable phenolic resole resin having a pH of between 4.5 to 9.5 ;

(b) a magnesium hardening agent from 5 to 50% by weight based on the weight of the hardenable phenolic resole resin selected from the group consisting of magnesium hydroxide and lightburned magnesium oxide having a surface area of at least about 10 square meters per gram, the quantity of said hardening agent being sufficient to increase the rate of hardening of said resin and

(c) an accelerator from 0.1 to 5% by weight based on the weight of the hardenable phenolic resole resin to accelerate the hardening of said mixture, said accelerator being selected from the group consisting of :

a compound which has a solubility in water of at least 1% by weight at 25°C and provides to the mixture an anion selected from the group consisting of cyanate, hypophosphite, nitrate, formate, phosphite, and sulfamate ;

a member selected from the group consisting of a 2, 4-di (Dialkylaminomethy) phenol ;

a 2. 6-di (dialkylaminomethyl) phenol ;

a 2, 4, 6-tris (dialkylaminomethy) phenol having from 1 to 3 carbon atoms in each alkyl group and an acid addition salts thereof;

a 1, 3, 5-tri (lower alkyl) hexahydro-1, 3, 5-triazine and an acid addition salt thereof wherein each of the lower alkyl groups has from 1 to 3 carbon atoms lithium carbonate; 1, 4-diazabicyclo (2,2,2) octane and an acid addition salt thereof,

a chelating agent selected from the group consisting of pentane-2, 4-done, heptane-2, 4-done, 2.2^1-bipyridine, and benzoylacetane; and a compound of the formula;

and its acid addition salt thereof, wherein each of R^1 and R^2 is a member selected from the group consisting of alkyl having 1 to 3 carbon atoms, R^1 and R^2 when taken together with the nitrogen to which they are attached, represent a member selected from the group consisting of piperidino piperazino, morpholino,

thiomorpholino and pyrrolidino;

X is a member selected from the group consisting of $(-CH_2-)$, wherein n is an integer of 1 to 6, -CH-CH-CH_3, -CH_2-CH-CH-CH_2

-CH-CH_2-CH- and -CH_2-CH-CH_2-;

CH_3 OH_3

and each of R^3 and R^4 is a member selected from the group consisting of hydrogen, alkyl of 1 to 3 carbon atoms, and R^3 R^4 when taken together with the nitrogen to which they are attached represent a member selected from the group consisting of piperazino, morpholino, thiomorpholino, piperidino, and pyrrolidino.

(Compl. Specns. : 81 pages; Drwgs. — Sheets)

Ind. Cl. : 49-D 180279

Int. Cl.^{6} : A 47 J 17/00

SLICER CUM CLEANER.

Applicant & Inventor : ANTONY FERNANDEZ, "SWARGADHAANAM", P.T.P. NAGAR, THIRUVANANTHAPURAM-695 038, KERALA, INDIA.

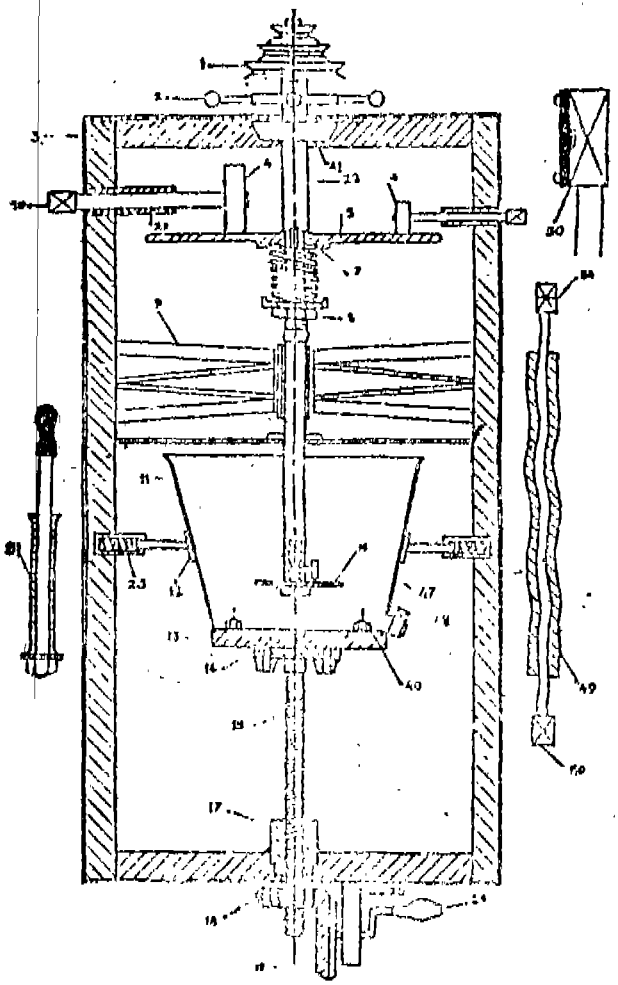
Application No. 496/Mas/92 dated August 14, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

15 Claims

A Slicer cum Cleaner Machine, comprising of a motor (28) having step Vee pulleys (32) fixed to its rotating shaft for getting different speeds, to make the main rotating shaft (22) rotate at different speeds to enable a pressure disc (5) to make the friction wheels (4) to rotate, having shafts (20), the end of which can be connected to cleaning (33), scrapping (39) and slicing (37) units, using flexible shaft (50) connected to the shafts of friction wheels (4); below the friction plate (5) and the shaft (22), there is a bucket unit (11) fitted to the secondary shaft (15), which moves

up and down by using a crown (19) and pinion (18) unit, which is made to function by a handle (24) that goes to the crown to rotate through a holder (25).



(Com. 6 pages; Drwgs. 5 sheets)

Ind. Class-32.F2(a)(b) & 3(d) 180280

Int. Cl.4—C 07 C 49/00
C 07 D 521/00

A METHOD FOR THE PREPARATION OF BIS-AROMATIC-UNSATURATED KETONE

Applicant : STATENS SERUMINSTITUT, A DANISH STATE RESEARCH INSTITUTE OF ARTILLERIVEJ 5, DK-2300 COPENHAGEN 5, DENMARK.

Inventors : (1) ARSALAN KHARAZMI,
(2) SOREN BROGGER CHRISTENSEN,
(3) CHEN MING,
(4) THOR GRUNDVIG THEANDER.

Application No. 31/MAS/95 dated January 11, 1995.

Divisional to Patent Application No. 231/MAS/93; Antedated to March 31, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

12 Claims

A method for the preparation of a bis-aromatic-unsaturated ketone of the general formula I

$$Xm\text{-}Ar^1\text{-}CO\text{-}CH\text{=}CH\text{-}Ar^2\text{-}Yn$$

wherein

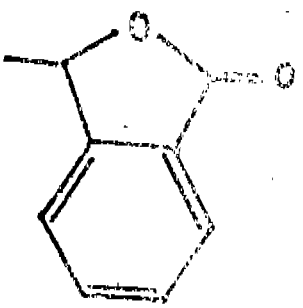
Ar^1 and Ar^2 are the same or different and each designate an aromate selected from phenyl and 5- or 6-membered unsaturated heterocyclic rings containing one, two or three heteroatoms selecte from oxygen, sulfur, and nitrogen, such as furanyl, thiophenyl, pyrrolyl, imidazolyl, isoxazolyl oxazolyl, thiazolyl, pyrazolyl, pyridinyl or pyrimidinyl, which aromate may be substituted with one or more substituents selected from halogen, nitro, nitroso, and C_{1-12}, preferably C_{1-6}, straight or branched aliphatic hydrocarbyl which may be saturated or may contain one or more unsaturated bonds selected from double with one or more substituents selected from hydroxy, halogen, amino, and amino which is optionally alkylated with one or two C_{1-6} alkyl groups, Y and X are the same or different and each designate a group AZ, wherein A is -O-, S-, -NH-, or -N(C_{1-6} alkyl-, and Z designates a masking group selected from the below groups (A)-(E)

$$-CO\text{-}R' \quad (A)$$

$$-CON(CH_3)_2 \quad (B)$$

$$-CR^*R^{**}\text{-}O\text{-}R'' \quad (C)$$

$$-CR^*R^{**}\text{-}O\text{-}CO\text{-}R'' \quad (D)$$



wherein R^* and R^{**} each independently designate hydrogen or C_{1-3} alkyl, R', R'' and R''' each designate C_{1-6} alkyl or is an aromate Ar^1 or Ar^2 as defined above, which is readily decomposed under conditions prevailing in the animal body to liberate a group AH, in which A is as defined above m designates 0, 1 or 2, and n designates 0, 1, 2 or 3, whereby, when m is 2, then the two groups X are the same or different, and when n is 2 or 3, then the two or three groups Y are the same or different, with the provision that n and m are not both 0, said method comprising remoting a ketone of the general formula I'

$$Xm\text{-}Ar^1\text{-}CO\text{-}CH_3 \quad I'$$

wherein X, Ar^1 and m are as defined above,

with an aldehyde of the general formula I''

$$OHC\text{-}Ar^2\text{-}Yn \quad I''$$

where in Ar^2, Y and n are as defined above.

(Com. 211 pages: Drwgs.—15 sheets.)

Int. Cl⁴—D 01 G 15/28 180281

Ind. Cl—172 C2

"A DEVICE FOR OPENING A WARDING LAP".

Applicant : MASCHINENFABRIK RIETER AG., a body orporate organised under the laws of switzerland of winterthur, witzerland.

Inventor : 1. HEINZ CLEMENT

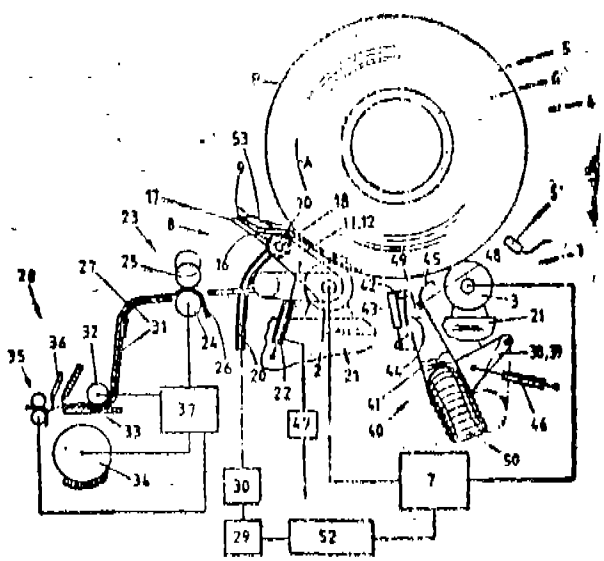
Application No. : 590/MAS/91, File l on 2-8-1991.

Appropriate Office for Oppsition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

12 Claims

A device for opening a wadding lap, comprising a pair of lap rollers (2, 3) for receiving a rolled-up wadding lap (4) thereon; a drive (7) for rotating said lap rollers (2,3) to effect rotation of the wadding lap (4) in a first direction about an axis thereof; and a nozzle (10) with one or more air outlet openings (16) for producing a current of air over the width of the wadding lap (4) and in a direction tangentially of the wadding lap, said current of air being spaced from the periphery of the wadding lap (4) to generate and air stream (5) in an unrolling direction of the wadding lap (4), open a start of the wadding (B) from a wadding lap.

Agent : Depenning & Depenning.



Com : 20 Pages : Drwgs : 5 sheets.

Ind. Class —206-E 180282

Int. Cl.⁴—G 04 G 3/00

ELECTRONIC TIMER WITH MULTI MODE OPERATION

Applicant : GEC ALSTHOM INDIA LIMITED, AN INDIAN COMPANY, OF P. O. BOX NO. 2, PALLAVARAM, CHENNAI-600043.

Inventors : (1) KRISHNAN THIYAGARAJAN, INDIA.
(2) KOTTAYADI JOHN THOMAS, INDIA.

Application No. 593/MAS/91 dated August 5, 1991.

Complete Specification left : January 21, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

2 Claims

A programmable industrial timer capable of being used as an ON-DELAY timer, OFF-DELAY timer or CYCLIC timer, comprising a programmable timer IC consisting 16 stage binary counter, an oscillator connectable with external capacitor and resistors, an automatic power reset circuit and an output logic, the output of the IC being connected through selection switches (S_1 and S_2) for selecting counter stages and selection switches (S_3 and S_4) for selecting the mode of operation for triggering a transistor switching circuit and a relay being connecting to the output of the said transistor switching circuit.

(Prov.—5 pages; Com.—6 pages; Drwg.—1 sheet)

Ind.Cl⁴: 179E.F.

Int. Cl :B 65 D 43/14 180283

"A MULTI-LAYER GASKET"

Applicant : PRECISION VALVE CORPORATION Incorporated in the State of New York, of 1155 15th Street North West, Washington DC, U.S.A.

Inventors : 1. HANS HAFNER
2 TIMOTHY O' TOOLE.

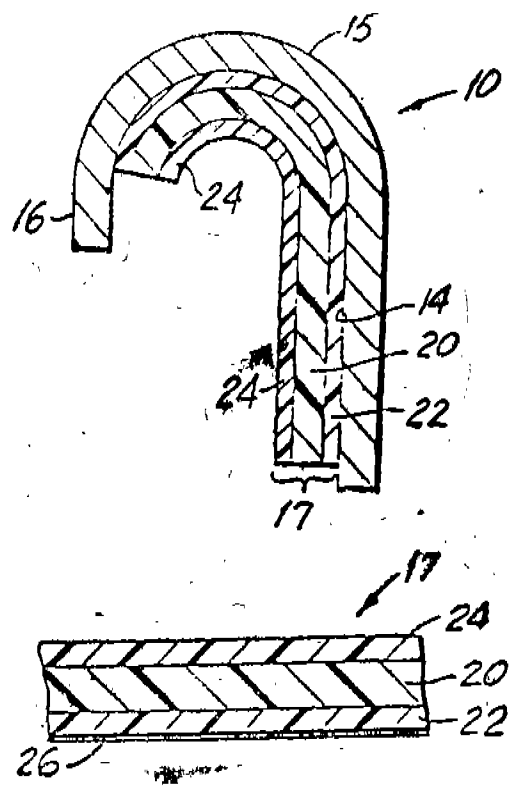
Application No. : 601/MAS/1991 File l on 7th August, 1991.

(Convention Dated 11th July, 1991 : No. 9115015.1 : Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

A multi-layer gasket for providing a seal between a mounting cup of an aerosol valve and an aerosol container bead, the said gasket comprising a central opening for receiving the mounting cup, an intermediate layer of firm, plastic material and first and second layers o softer plastic material, said first layer being adjacent on side of said intermediate layer and said second layer being adjacent the opposite side of said intermediate layer.



(Comp. Specn. : 22 pages Drwgs. : 3 sheets)

Ind. Class—67-A; 68-D & 105-C 180284

Int. Cl⁶—G 01 R 27/00
26/16

AN ELECTRICAL MEASURING APPARATUS FOR ANALYZING THE IMPEDENCE OF THE SOURCE OF AN ALTERNATING VOLTAGE.

Applicant : HYDRO-QUEBEC, OF 75, BOUL, RENE LEVESQUE QUET, MONTREAL, QUEBEC, CANADA H2Z 1A4, A CANADIAN COMPANY.

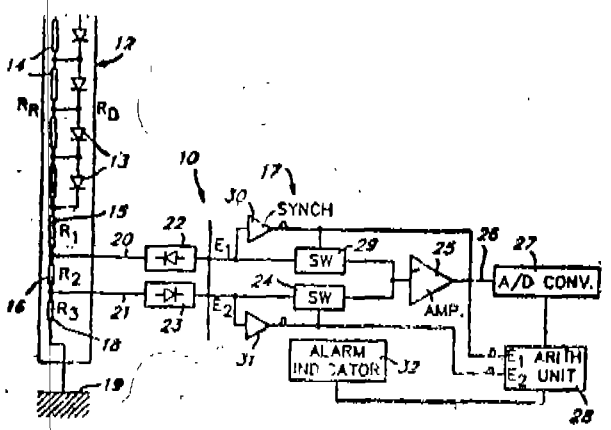
Inventor : GUY ROSS, CANADA.

Application No. 614/MAS/91 dated August 13, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

6 Claims

An electrical measuring apparatus for analysing the impedence of the source of an alternating voltage, said apparatus comprising a bi-impedence probe (12) having an output (19) connectable to ground and an input contact element (9) for receiving alternating voltage from the source (11) whose impedence is to be analysed, said contact element (90) being connected to a set of series connected unidirectionally conducting low resistance elements (13) with high resistances (14) connected in parallel to each said unidirectionally conducting low resistance elements (13), the said set of unidirectionally conducting low resistance elements (13) with high resistance (14) in parallel being connected to two measuring resistances (16,18) connected in series through a series resistance (15) which is relatively less than the high resistances (14) connected in parallel to the unidirectionally conducting low resistance elelments (13), the free end of the second measuring resistance being connected to ground, a measuring circuit (10) coupled to said measuring resistances (16,18) having discriminating means to discriminate between voltage signals passed through the unidirectionally conducting low resistance elements(13) and the high resistances (14) connected is parallel to the unidirectionally conducting low resistance elements (13), said measuring circuit having a computing means (28) with an indicator to compute and indicate the impedence of the alternating voltage source and an alarm indicator (32) to indicate when the impedence exceeds a predetermined threshold value.



(Com.—17 pages; Drwg. 1 sheet)

Ind. Cl : 56 B 180285

Int. Cl : C 10 G 67/00

"A PROCESS FOR SEPARATING STABLE POLYCYCLIC AROMATIC DIMERS".

Applicant : CHEVRON RESEARCH AND TECHNOLOGY COMPANY, of 555 Market Street, San Francisco, California, United States of America, a corporation organised under the laws of the state of Delaware, U.S.A.

Inventors : 1, John M. ROENBAUM
2, John C. FETZER
3, Robert W. BACHTEL
4, Dennis R. CASH
5, David G. LAMMEL.

Application No. 616/MAS/1991 Filed on 14th August, 1991.

Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

25 Claims

A process for separating stable polycyclic aromatic dimers present in hydrocracker effluents from a hydrocarbonaceous feedstock comprising :

(a) Feeding a hydrocarbonaceous feedstock to a hydrocracker to produce a light effluent stream and a heavy effluent stream;

(b) contacting atleast a portion of the heavy effluent stream with a light paraffinic stream to produce a blended stream containing polycyclic aromatic dimer precipitate; and

(c) separating and withdrawing from the blended stream at least portion of the precipitate containing stable polycyclic aromatic dimer while the hydrocracker is on-stream.

Reference to U.S., Patent No. 3619407, 4447315, 4655903

Agent : DePenning & Depenning,

(Comp. Specn. 34 Pages Drwg. 1 Sheet)

Ind. Cl : 33-D 180286

Int. Cl⁴ : B 22 D 41/00

A VALVE ASSEMBLY

Applicant : FLO-CON SYSTEMS, INC., A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF ILLINOIS, 1404 NEWTON DRIVE, CHAMPAIGN, ILLINOIS, 61821, U. S. A.

Inventor : PATRICK D. KING, U.S.A.

Application No. 618/MAS/91 dated August 14, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

5 Claims

A valve assembly comprising, in combination,

—a nozzle/plate assembly for use on a vessel in which the side walls of the plate are continuous and continuously taper outwardly from the downstream face of the plate toward the vessel.

—a mounting plate for securing the valve assembly to a vessel,

a main frame for yieldably urging a depending the having an upstream flat face in face to face relationship with the outer face of the nozzle/plate,

—a clamp ring for insertion interiorly of the main frame having tapered sidewalls for a meeting engagement with the nozzle/plate sidewalls,

—spring assemblies for seating in the main frame and bearing against the clamp ring,

—means for clampingly securing the main frame to the mounting plate,

—means on the clamp ring for securing the same to the main frame,

—all of said elements being proportioned and oriented to permit the means for securing the clamp ring to the main frame to preload the spring assembly against the clamp ring, and when subsequently securing the main frame to the mounting plate, whereby upon the closing of the main frame to the mounting plate the clamp ring has a preselected substantial central and clamping force engaging the periphery of the continuous sidewall of the plate.

(Com. : 14 Pages, Drwgs : 3 Sheets)

Ind. Cl. : 172-D_8 180287

Int. Cl.[4] : D 01 H 1/06

AN APPARATUS FOR PRODUCING REAL TWISTED YARN BY SPINNING,

Applicant : MASCHINEENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF WINTERTHUR, SWITZERLAND,

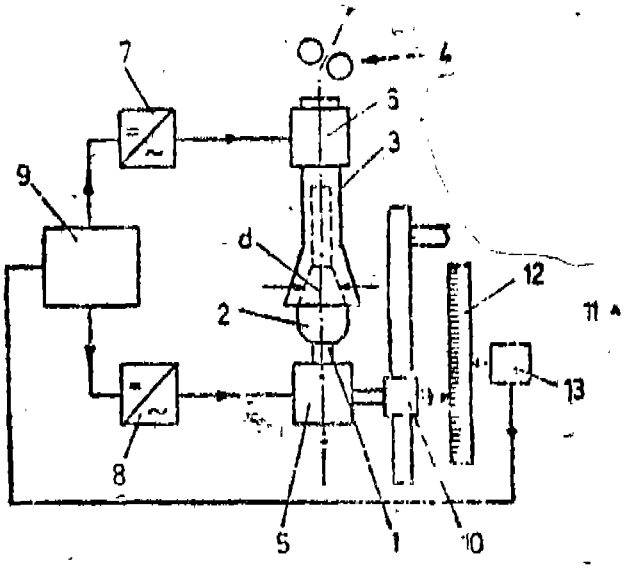
Inventors : (1) RAINER BUSCH, GERMANY.
(2) JAN UHLIARIK, CZECHOSLOVAKIA.

Application No. 628/MAS/91—dated August 20, 1991.

Appropriate Office for Oppistion Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

(Claims 7)

An apparatus for producing real twisted yarn by spinning comprising a spindle (1) and cap (3), the said spindle and said cap being driven by separate motors (5, 6), speed of each said motor being controllable by varying frequency of the supplied voltage to these motors, each said motor (5) of the spindle (1) and motor (6) of the cap (3) being connected to two separate frequency converters (7, 8), both the said two frequency converters (7, 8) being connected to a programmable control unit (8) for setting the rotational speed of the spindle (1) and the cap (3) independently and obtain the required yarn tension.



(Com. — 10 Pages; Drwgs — 1 Sheet)

Ind. Cl. : 39 L 180288

Int. Cl.: H. 01 L 39/24

"A SUPERCONDUCTING DEVICE AND A METHOD OF FABRICATING THE SAME".

Applicant : ENERGY CONVERSION DEVICES, INC., a Corporation of the State of Delawvre, of 1675 West Maple Road, Troy, Michigan-48084, U.S, A.

Inventors : 1. Stanford R. OVSHINSKY
2. Rosa YOUNG

Application No. 648/MAS/1991 Filed on 29th August 1991.

Appropirate Office for Oppositions Proceedings (Rule 4 Patents Rule 1972), Patent Office, Chennai Branch.

21 Claims

A superconducting device comprising a fluorinated Y_1 Ba_2 Cu_3 $O7$ superconducting epitaxial-like thin film on one or more non-perovskite substate having lattice structure different from said film, said film having a thickness of 0.1to 10.0 micrometers, a T_c at least 86° K and basal plane alignment of the unit cells therein.

(Comp. Spen. : 36 Pages Drwgs : 9 sheets)

Ind. Cl : 25-B 180289

Int. Cl[4] : E 04 C 1/00

A PROCESS FOR MAKING KECONOMICAL CONCRETE BRICKS

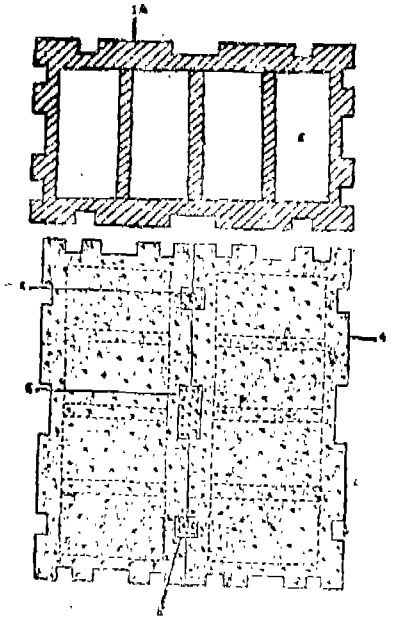
Applicant & Inventor : ANTONY FERNANDEZ, "SWARGADHAANAM", P. O. T. P. NAGAR Thurvananthapuram-695038, Kerala, Indian.

Application No. 497/MAS/92 dated August 14, 1992.

Appropirate Office for Oppoisition Proceedings (Rule 4, Patents Rules, 1972),Patent Office, Chennai, Branch.

3 Claims

A process for making Economical Concrete Bricks by using wooden mould to produce a structural fram (1A) with cavity (5) and struts (3) having malo portion (1) and female portion (6); the cavity is filled with clay and earth in the proportion of 1:6 and the same while kept on a vibrating rectangular disc, the mixture in the cavity goes down a little and then pressing is given by mechanical or hydraulic process, keeping woodon plank correct to the size of the cavity over the filled area; after the pressed area is sprinkled with sand and fine rocky metal, the whole cavity is given adequate coating of mortar in the proportion of 1:10 and after24 hours, the whole unit is kept inwater for 48 hours and then it is kept under shade for 72 hours for curing purposes.



(Com. : 4 Pates Drwgs : 2 Sheets)

180290

Ind. Class— 60-B

Int. Cl.- : A 61 F 1/00

A DIAPER FASTENING TAB

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY, A Corporation of the State of Delaware, U.S.A., Of 3M Center, Saint Paul, Minnesota 55144, U.S.A.

Inventors : (1) STEPHEA W, BANY, U.S.A.
(2) JOHN A. MILLER, U.S.A.
(3) BRADLEY W. EATON, U.S.A.
(4) ALLEN L. NOREEN, U.S.A.

Application No. 207/MAS/95 dated February 21, 1995,

Divisional to Patent Application No. 924/MAS/90. Antedated to November 16, 1990,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A diaper fastening tab for adhering to a diaper film comprising a substrate and an adhesive layer having an adhesive composition consisting of (a) 33 to 50 weight percent of an elastomer component comprises of a block copolymer of A blocks derived from styrene and B blocks derived from isoprene, (b) a solid tackifying resin comprises predominantly of C- hydrocarbons and (c) an aliphatic oil having from 5 to 45 percent aromatic hydrocarbon content, wherein the ratio of aliphatic oil to solid tackifying resin is from 0.01 to 0.45 and wherein said block copolymer, tackifying resin and aliphatic oil compositon ratios are defined by the cartesian space enclosed by those compositions having CMTg- values of 254 to 265 Kelvin at 33 weight percent elastomer andl CMTg- values of 245 to 261 Kelvin at 50 weight percent elastomer, defined by points A-F in fig, 2,

Ref,cited : (I) INDIAN PATENT APPLN. NO. 924/MAS/90 (II) U.S. PATENT Nos. 3,932,328 & 4,097,434

Agents : M/s, DePenning & DePenning

(Com,—27 pages; Drwgs—2 sheets)

180291

Ind. Class : 33-G

Int. Cl.4 : E 04 C 1/00; 2/00

METHOD OF PRODUCING PATTERNED SHAPED ARTICLE

Applicant : CCA I6C., A Japanese Company, OF 9-9 Soto-Kanda, 1 Chome, Chiyoda-Ku, Tokyo, Japan,

Inventors : (1) HIROSHI UCHIDA,
(2) MITUHIRO OoUKI,
(3) HIDEO WATANABE,

Application No, 659/MAS/91 dated September 3, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch,

23 Claims

A method of producing a patterned shaped article such herein described comprising,

constituting a patterning form by disposing at a predetermined position within a main form molding the shaped article an auxiliary form of a configuration appropriate for a pattern to be formed,

charging a dry pattern material for pattern formation into the patterning form at a predetermined form cavity portion thereof,

charging a base-course material for forming the base course of the shaped article into the remaining space of the patterning forms not filed with the pattern material,

removing the auxiliary form,

causing the pattern material and the base-course material charged into the patterning form to set into a shaped article, and

removing the shaped article from the main form,

Agents; M/s, DePenning & DePenning

(Com,—46 pages; Drwgs—sheets)

Ind, Cl, - 32-B 180292

Int, Cl,- - C 08 F 297/00

A PROCESS FOR PREPARING A FILM OR SHEET MATERIAL

Applicant : HIMONT INCORPORATED, of 2801 Centerville Road, P.O Box 15439, Willington, Delaware 19850-5439, U S A; a Delaware Corporation.

Inventors : 1. KUMAR OGALE,, U.S.A.

Application No, 691/MAS/91 filed 13th September 1991,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch,

10 Claims

A process for preparing a film or sheet material of an olefin polymer composition, the said process comprising the steps of charging the olefin polymer composition of :

(a) from 10 to 50 parts of a propylene homopolymer having an isotactic index greater than 80, or a copolymer selected from the group consisting of(i) propylene and ethylene, (ii) propylene, ethylene and a CH_2—CHR, alpha-olefine, where R is a C_{2-8} straight or branched alkyl and (iii) propylene and an alpha-olefin as defined in (ii), said copolymer containing over 80% propylene and having an isotactic index greater than 80;

(b) From 20 parts of a semi-crystalline,essentially linear copolymer fraction having a crystallinity of 20 to 60%wherein the copolymer is elected from the group consisting of (i) ethylene and propylene containing over 55% ethylene, (ii) ethylene propylene, and alpha-olefin as defined in (a)(ii) containing from 1 to 10% of the alpha-olefin and over 55% of both ethylene and alpha-olefin and (iii) ethylene and an alpha-olefin a defined in (a) (iii)containing over 55% of said alpha-olefin which copolymer is insolublo in xylene at room for ambient temperature; and

(c) from 40 to 80 parts of a copolymer fraction wherein the copolymer is sclected from the group consisting of(i) ethylene and propylene containing from 20% to less than 40% ethylene (ii) ethylene, propylene and an alpha-olefin as defined in (a) (ii) Wherein the alpha-olefin as defined in (a) (ii) wherein the alpha-olefin is present in an amount of 1 to 10% and the amoun t of ethylene and alpha-olefin present is from 20% to less than 40% and (iii) ethylene and alpha-olefin as defined in (a) (ii) containing from 20% to less than 40% of said alpha-olefin, and optionally with 0.5 to 10% of a diene, said copolymer fraction being soluble in xylene at ambient temperature, and having an intrinsic viscosity of from 1.5 to 4.0dl/g with the total of the (b) and (c) fraction based on the total olefin polymer composition, being from 50 to 90%, and the weight ratio of (b)/(c) being less than 0.4, into an extruder and extruding the olefin polymer composition through a tie to obtain the film or sheet material of olefin polymer composition.

Agent : Depenning & Depenning

(Com. 31 pages; Drwgs. Sheets)

180293

Ind. Class : 39-A

Int. Cl.- : C 01 B 17/16

A PROCESS AND AN APPARATUS FOR PRODUCING H_2S FREE GAS STREAM FROM PROCESS GAS CONTAINING H_2S

Applicant : WHEELABRATOR CLEAN AIR SYSTEMS INC. OF 600 N First Bank Drive, Palatine, Illinois 60067, U.S.A. A U.S. Corporation.

Inventor : LESLIE C. HARDISON, U.S.A.

Application No. 707/MAS/91 dated September 18, 1991.

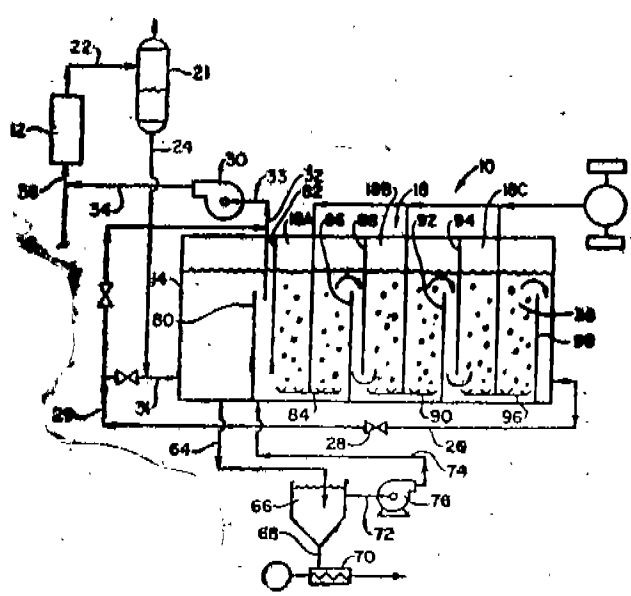
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

22 Claims

A process for producing H_2S free gas stream from process gas such as herein described containing H_2S the said process comprising the steps of; introducing H_2S, containing process gas into a first mass transfer vessel for intimate contact and mass transfer with a liquid reagent comprising catalytic polyvalent, metal redox solution; introducing the liquid reagent from said first mass transfer vessel into a reaction chamber after mass transfer with H_2S containing process gas; introducing an oxygen containing gas into a second mass transfer vessel for intimate contact and mass transfer with the said liquid reagent from the reaction chamber introducing the liquid reagent from an outlet of said second mass transfer vessel into said reaction chamber, after mass transfer with the oxygen containing gas for contact and mixing with the liquid reagent from said first mass transfe vessel to form a reaction product in said reaction chamber recirculating a portion of the liquid reagent from the reaction chamber to the first mass transfer vessel for further mass transfer with the H_2S containing process gas and continuously allowing a controlled flow of liquid reagent from said second mas transfer zone into the reaction chamber in which no substantial additional gas is introduced, to provide a residence time and intermixing of the said liquid reagents from the first and second mass transfer vessels continuously and recover the H_2S free gas in a know manner.

Ref. cited : U.S. PATENT Nos. 4,238,462; 4,189,462; 3,068,065; 3,897,219; 3,933,993; 4,011,304; 4,482,524; 4,622,212 4,455,287; 4,664,902; 4,705,676; 4,356,155; 4,009,251; 4,238,462

Agents : M/s. DePenning & DePenning



(Com.=43 pages; Drwgs.=5 : Sheets)

Ind. Class : 6-B_2 180294

Int. Cl4- A 61=M 16/16

IMPROVED HUMIDIFIER FOR AIR/OXYGEN OR OTHER GASES

Applicant : SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY, Satelmond Palace, Poojapura, Trivandrum-695012, Kerala, India, an Indian organisation.

Inventors: (1) GOBICHETTIPALAYAN SUBBARATNAM BHUVANESHWAR, INDIA. (2) MURALEEDHARAN CHIRATHODY VAYALAPPIN, INDIA. (3)RADHAKRISHNA PILLAI SREEKUMAR, INDIA.(4) LEISTER ROWSEN MOSES, INDIA.

Application No. 715/MAS/91 dated September 23, 1991.

Comblete Specification left on Dacember 22, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A humidifier for causing a humidification of gases, air or oxygen comprising;

(a) a bottom unit having a metallic heater plate, said bottom unit comprising;

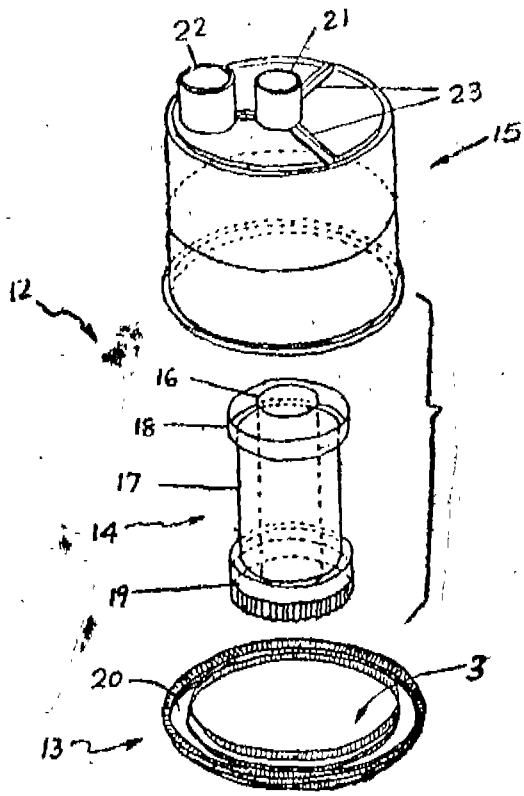
(b) a low voltage cartridge housed within said bottom unit and connected to said heater plate;

(c) a control unit provided with said bottom unit for the voltage cartridge to control the temperature of the heater plate;

(d) an insulating top member being supported on the top of the bottom unit exposing said heater Plate;

(e) a holding clamp unit being mounted on said insulating top member, said humidifier also comprising;

(f) a humidificationunit seated on said heater plate and held in position by means of said holding clamp, the humidifying unit comprising inlet and outlet ports for water and air to be humidified and such that when the humidifying module holding water is seated on the bottom unit in contact with the heator plate and the low voltage cartridge switched on, the water in the humidifying module is heated and the air passing through the humidifier is humidified to the desired extent based on the temperature of the water.



(Prov.—9 pages; Com. 11 pages)

Ind. Class : 33 A 180295

Int. 4 Cl. : B 21 D 37/20

A PROCESS AND A DEVICE FOR PRODUCING RAPIDLY SOLIDIFIED SHEETS INSIDE A SLOWLY ROTATING DIE

Applicant & Inventor : DR. S. RAMESH BABU, S/o S. Soma Sundara Rao, No. 23, 'Vinayaka', 17th Cross, 8th Main, Bandappa Garden, Muthyalnagar, P.O. Gokul, Bangalore-560054, Karnataka, Indian Citizen.

Appilcation No. 738/MAS/91 dated September 30, 1991.

Complete Specification left : December 29, 1992

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

13 Claims

A device, for producing rapidly solidified sheets of metal, which consists of a water cooled (12 and 13) cylindrical copper die (8)—provided with insulating 'castable' layers (7 and 10) on its end plates (6 and 11), which is mounted on the steel shaft (3) driven to a desired speed by a variable speed D.C. motor (1) by means of belt and pulleys (2).

Agents : Nil

(Prov.—6 pages Com—15 pages Drwg—1 sheet)

Ind. Cl. 25—A 180296

Int. Cl. B 28 b 1/14

A METHOD OF MANUFACTURING PATTERNED SHAPED ARTICLE, SUCH AS PAVING BLOCKS, PORCELAIN WARES WALL PANELS.

Applicant : C C A INC of 9—9 Soto kenda 1 Chome, Chiyoda-ku Tekyo, JAPAN.

Inventors : HIROSHI UCHIDA, NITUHIRO ONUKI AND HIDEO WATANABE.

Application No. 740/MAS/91, filed on 30th SEPTEMBER 1991.

Appropriate office for Opposition proceedings (Rule 4 Patents Rules, 1972) PATENTS OFFICE BRANCH CHENNAI.

28 Claims

A Method of manufacturing patterned shaped article such as paving blocks, porcelain wares, wall panels comprising disposing a cell form having a plurality of cells of the same height arranged in a contiguous manner at a predetermined position with-

in a main form for molding the shaped article; charging a dry pattern-course material for forming a pattern course of the shaped article into cells of the cell form; charging a base-course material for forming a base course of the shaped article into the remaining space of the main form not filled with the pattern-course material, removing the cell form and allowing to set the pattern-course material and the base-course material charged into the cell form into a shaped article, and removing the shaped article from the the main form.

Agent : De Penning and De Penning.

Com. : 48 Pages Drawings 09 Sheets.

Ind. Class : 185 C 180297

Int. Cl⁴. : A 23 F 3/06

A PROCESS FOR TREATING GREEN OR OoLONG TEA LEAVES.

Applicant : SOCIETE DES PRODUITSL NESTLE S.A., A SWISS BODY CORPORATE OF VEVEY 1800, Case Postale 353, Switzerland.

Inventors : (1) RICHARD TIEN SZU LIU, U.S.A.
(2) JOHN C. PROUDLEY, U.S.A.

Application No. 743/MAS/91 dated October 1, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A process for treating green or Ooling tea leaes comprising heating tea leaves selected from green tealeaves, Oolong tea leaves and combinations thereof having a moisture content of from 17% to 25% by weight of dry tea solids to an elevated temperature of from 110°C to 130°C and contacting the heated moist leaves with an oxidizing agent selected from oxygen gas, oxygen containing gases, air, air enriched with oxygen, ozone and ozone containing gases, which provides molecular oxygen to the heated moist leaves in an amount of from 0.3 moles 0_2/kg to 2.0 moles 0_2/kg of dry tea solids for a time of from 5 to 30 minutes and at a pressure greater than a water vapor pressure at the elevated temperature to oxidize polyphenolic substances contained in the moist leaves.

Ref. cited : U.S. Patent Nos. 2,975,057; 3,445,236; 3,484,246; 3,484,247 & 3,903,306.

Agents : M/s. DePenning & Depenning

(Com.—31 pages)

Ind. Class : 178 K 180298

Int. Cl⁴. : A 61 B 5/00

EPIDURAL SENSOR FOR USE IN AN INTRA CRANIAL PRESSURE MONITORING SYSTEM.

Applicant : SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY, Biomedical Technology Wing, Satelmond Palace, Trivandrum-695012, Kerala State, India, An Indian Institute.

Inventors : (1) GOBICHETTIPALAYAM SUBBARATNAM BHUVANESHWAR, INDIA.
(2) MURALEEDHARAN CHIRATHODY VAYALAPPIL, INDIA.

Application No. 751/MAS/91 dated October 7, 1991.

Complete Specification left : January 8, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Chennai Branch.

4 Claims

An epidural sensor for use in an intracranial pressure monitoring system comprising a sensor chamber (2B) having an exhaust port, a pressure sensitive diaphragm (2A) provided at the upper end and seated across said sensor chamber, said sensor chamber having an inlet sport (2D) characterised in that said exhaust portis centrally located in said chamber and provided with an exhaust extension tube.

Agents : M/s. L.S. Davar & Co.

(Prov.- 9 pages; Com.- 9 pages; Drwgs.- 1 sheet)

Ind. Class : 107-G 180299

Int. Cl⁴.- : F 02 B 41/00

AN EQUIPMENT FOR SAVING FUEL IN AUTOMOBILES.

Applicant & Inventor : ANTONY FERNANDEZ, "SWARGASHAANAM", P.T.P. NAGAR, THIRUVANANTHAPURAM-695038, KERALA, INDIAN NATIONAL.

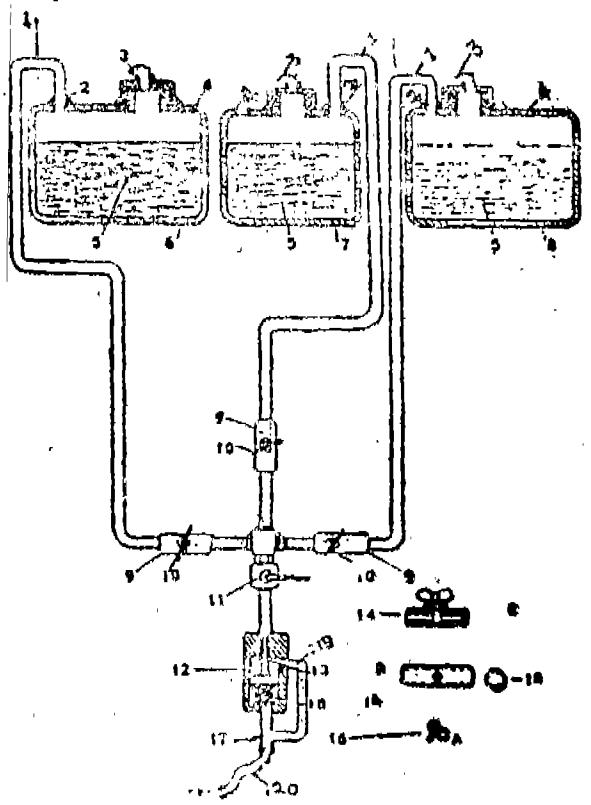
Application No. 531/MAS/92 dated August 25, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

2 Claims

An equipment for saving fuel in automobiles comprising of three tanks (6, 7, 8) containing of rectified spirit or methylated spirit or high octaine petrol (used in aircraft engines) in tank (6) and kerosene in tank (7) and water in tank (8) respectively, giving an air column in one forth portion of the tanks and soaked with cotton material to avoid dangling of the liquid, from upper cavity of the three tanks, three pipes (1) will be connected, each pipe (1) having adjustable butterfly valve (16A) to adjust the same in such a way that to supply through the pipes one part of petrol and twentyfour parts of air, including the air coming from the cavity of the water tank (8) making it to pass through a variable jet unit (12) with piston (21) and spring (18) connected to the inlet pipe of the engine below the carburetter which enables to bypass a combustible mixture at all times in accordance with engine taking a revolution between 300 r.p.m. and 500 r.p.m. to the full revolution of the engine.

Agents : Nil



(Com.—7 pages, Drwg.—1 sheet)

Ind. Class : 83-B5 180300
Int. Cl4. : A 22 C 25/00

A METHOD OF MAKING SPICED DRIED/ DEHYDRATED FISH PRODUCT

Applicant & Inventor : MADURAI GOPI, Of No. 4/216A, Theruveethi Amman Koil St., Periakulathuvancheri, Iyyapanthangal, Chennai-602101, Tamil Nadu.

Application No. 232/MAS/95 dated February 28, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

A method of making spiced, dried/dehydrated fish product comprising the steps of :

(i) cutting and dicing of the fish,

(ii) cleaning of said diced pieces with powdered salt or with rock salt followed by washing with water;

(iii) treating the cleaned pieces with a masala mixture of composition as herein described;

(iv) drying said treated pieces at room temperature; and

(v) controlled drying/dehydration of pieces from step (iv) in the temperature range 60 to 80°C for 10 to 60 minutes for pieces of 2 mm to 4 mm size and at 80°C for 40 minutes for pieces of 1mm to 2mm size.

Agents : Shri A P. JAPEE

(Com.—7 pages)

Ind. Cl. : 107 I 180301
Int. Cl4.: F 02 M 7/00

A CARBURETTOR FOR USE WITH THE ENGINE OF A TWO WHEELER VEHICLE.

Applicant : PACCO INDUSTRIAL CORPORATION, Of D-31, Okhla Industrial Area, Phase-I, New Delhi-110020, India.

Inventor : CHAND MEHTA (IN)

Kind of Application : Complete

Application for Patent No. : 0047/DEL/91 Filed on Date : 21-1-91

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims-5)

A carburettor for use with the engine of a two wheeler vehicle comprising a main housing having a mounting or flange side adapted to be held to the suction port of said engine, an air intake manifold for supply of atmospheric air, a float chamber for storage of fuel and having a first circuit for supply of a rich fuel mixture during start conditions of the engine, a second circuit having pilot jet with a chamber being provided for supply of a fuel mixture during idle running conditions of the engine, a third circuit having a main jet in flow communication with said float chamber being provided for supply of a fuel mixture during running condition of the engine,

characterised in that said main jet has at least one opening in flow communication of a passage provided between said main jet and the pilot jet chamber such that the fuel from said float chamber flows into said pilot jet chamber through said opening and passage, means such as a plug being provided at the lower end of said pilot jet chamber so as to close said end.

Reference : Nil

Agent : L.S. Davar & Co., New Delhi.

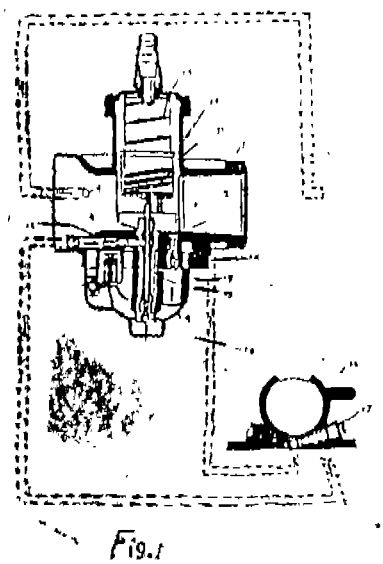


Fig.1

(Complete specification 12 pages, Drawing Sheets-2)

Ind. C. : 127 I 180302

Int. C⁴. : F 16H 37/00

ROTATABLE DISC FOR USE AS INPUT OR OUTPUT OR OUT PUT DISC OF A VARIATOR FOR A TRANSMISSION OF THE TOROIDAL RACE ROLLING TRACTION TYPE AND A VARIATOR SAID TORATABLE DISC.

Applicant : TOROTRAK LIMITED, a British registered Co. of 101 Newington Causeway, London SEI 6 BU, England ;

Inventor : THOMAS GEORGE FELLOWS, GB

Kind of Application : Convention complete

Application for patent no. 51/del/91 filed on date 21.1.91

Conventional date 31.1.90 No. 900020603 UK

Appropriate office for opposition proceedings (Rules, 1972) patent office Branch, New Delhi 110005

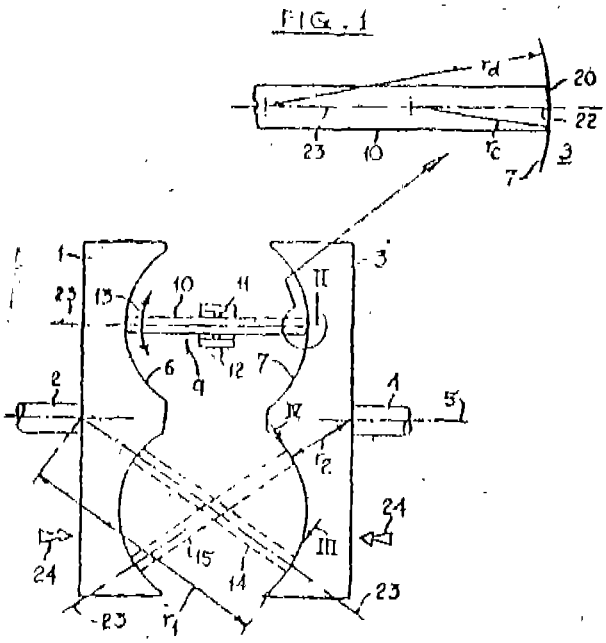
Claims 6

A rotatable disc. (1,.3) for use as input of output disc of a variator for a transmission of the toroidal-race rolling-traction type, said rotatable disc being provided with a coaxial part, toroidoal race (26,27) said race having a torus-radius (r_d) that is to say a radius of curvature on said race measured by a selected point of said race and in a plane including the axis of said disc, wherein said torus radius decreases as the distance of said disc axis diminishes,

Reference : Nil

Agent : Remfry & Sagar

FIG. 1



Complete specification in 9 pages drawing sheets 2

Ind. Cl. : 206 I 180303

Int.Cl. : G06C 5/00

"AN APPARATUS FOR PROTECTING SYSTEM UTILITIES IN A PERSONAL COMPUTER SYSTEM

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, A company organised and existing under the laws of the state of New York, United States of America, of Armonk, New York 10504, United States of America.

Inventor : LISA RUOTOLO ARNOLD, USA
RICHARD BEALKOWSKI, USA
JOHN WILEY BLACKLEDGE, USA
ET. AL.

Kind of Application : Complete

Application for Patent No. 0056/DEL/91 Filed on Date 22.1.91.

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Branch New Delhi-110005.

Claims 5

An apparatus for protecting system utilities in a personal computer (10) system, the personal computer system having a system (2,6) a processor for executing an operating system , a read only memory, (36) a random (32) access memory, and at least one direct access (12, 14,16, 62) storage device, said apparatus comprising :

a direct access (60,350) a storage device controller having a protection means for protecting a region of the direct access storage device, said protection means allowing access to the protected region in response to a reset signal.

a portion of BIOS being included in the protected region of the direct access storage device, said portion of BIOS being loaded into the random access memory to boot the operating system said portion of BIOS activating said protection means to prevent acess to the protected region of the direct access storage device during normal operations of the operating system ; and

a portion of system utilities included in the protected region of the direct access storage device, said system utilities being automatically executed upon detecting an error condition in the loading of the operating system.

Ref. No. : Reference has been made to India patent document No. 584/Mas/90 (——) 585/Mas/90 (——) 586/Mas/90 (——).

Agent : Anand & Anand

(Complete Specification 43 Pages; Drawing 16 Sheets).

Ind. Cl. 152 F 180304

Int. Cl.[4] ; B 29 B 9/02

: A PROCESS TO FOR PRODUCING A POWDER OF FREE FLOWING POLYMER PARTICLES.

Applicant : SHEEL INTERNATIONALE RESEARCH MAATSCHPPIJ B. V. a Netherlands company of Carel Van by Landtlaan 30, 2596 HR, The Hague, The Netherlands.

Inventors : JOHN EUGENE GORMAN USA

Kind of Applicant : COMPLETE

Application for Patent No., 057 Del 91 /— Filed on Date 22-1-1991.

Appropriate Office for Patent Opposition Proceedings (Rule 4. Patent Office 1972), Patent Office Branch New Delhi-110005.

Claims 8

A process for producing a powder of free flowing polymer particles, comprising the steps of :

Atomising a polymer cement comprising a polymer of the kind such as herein described dispersed in a solvent of the kind such as herein described to from cement droplets, dispersing an antibloc king agent of the kind such as herein described in steam contacting the cement droplets with steam containing despersee antiblocking agent during which a substantial portion of the solvent from the cement droplets is evaporated, and recovering a powder of free flowing polymer particles from the steam atomised cement mixture.

Reference No. : Reference has been made to U. S. Patent No. 4374941 and 4375497.

Agent : REMFRY AND SAGAR, NEW DELHI.

(Complete Specification 15 Pages — Drawing Sheet Nil)

Ind. Cl. ; 189 180305

Int. Cl. [4] ; A 61 F 13/18

: "ABSORBENT ARTIFACT CONTAINING STIFFENED FIBERS AND SUPERABSOBENT MATERIALS".

Applicant : THE PROCTER & GAMBLE COMPANY, a company organised and existing under the laws of the State of Ohio of one procter & Gamble Plaza, Cincinnati, State of Ohio, United States of America.

Inventor : JEFFREY TODD COOK, USA, DANNY RAYMOND MOORE, USA, GLEN RAY LASH, USA, GERALD ALFRED YOUNG, USA,

Kind of Application : COMPLETE

Application for Patent No. 058/Del/91 Field on Date 22-01-91.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office Branch, New Delhi-110005.

(CLAIMS 10)

An absorbent artifact for acquisition distribution, and storage of bodily fluids foruse in diapers, said substrate comprising, a pair of layers wherein the first layer is a fluid acquisition/distribution layer of cellulosic fibers having an average dry density of less than 0.30 g/cc an average density wetting upon saturation with 1% Nacl aqueous solution, dry weight basis, of less than 0.20 g/cc, and an average dry basis weight of from 0.001 to 0.10 g/cm2, said acquistion/distribution layer comprising from 50% to 100%, dry weight basis, of cellulosic fibers and from 0% to 50%, dry weight basis, of a binding means such as herein described for said fibres, and the second layer is a fluid storage layer positioned beneath said acquistion/distribution layer comprising at least 15% by weight of said storage layer, of superabsorbent material and from 0% to 85% of a carrier means for said superabsorbent materials

said fluid acquistion/distribution layer having no more than 60% of superabsorbent material and having a top surface area which is at least 15% of the top surface area of said fluid storage layer which is smaller than the top surface area of said fluid storage layer.

Ref. No. ; Reference has been made to U.S. Patent No. 4610678, 765780, 4673402.

Agent ; LALL LAHIRI AND SALHOTRA

(Complete Specification 51 Pages — Drawing 3 Sheets)

Ind. Cl. : 49 E [XV (1)] 180306

Int. Cl.[4] : A 21B 1/00

Title : An oven for baking and purring of chapathi and similar food products.

Applicant : Council of Scientific and Industrial Research, Rafi Marg, New Delhi-110001.

Inventor : Tota Ram Gupta, and Mysore Venkatesh Rao Srinivasa Rao, (INDIAN)

Application for Patent No. 64/DEL/91—filed on 23-1-91.

Appropriate Office for filing Opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

(CLAIMS 13)

An oven for baking and puffing chapathies comprising three endless conveyers bottom conveyer being perforated the top conveyer being fixed to the frame on both ends, the middle being fixed to the frame end with spur gear a driving means for conveyers, a diverter for facefitating rever sing side of the chapathies and a heaters being provided between conveyers.

Ref No. : NIL

Agent : C. S. I. R.

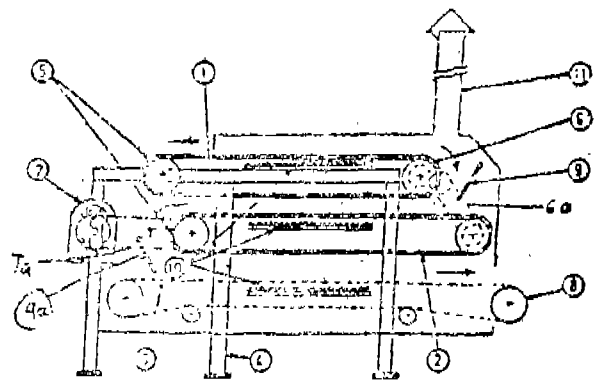


Fig. 1

(Complete Specification 8 Pages Drawings 1 Sheet)

Int. Cl.[4] : A 63 B 49/00 180307

Ind. Cl. : 87 C

Title : A RACKET FOR PLAYING TENNIS, SQUASH, BADMINTON AND OTHER SIMILAR GAMES.

Applicant : EM CEE CEE SPORTS AGENCIES (P) LTD, of Jonex House, Sadal Road, Jallandhar-144004, Punjab, India, an Indian Company.

Inventor : JANAK RAJ MAHAJAN, INDIA

Kind of Application : COMPLETE

Application for Patent No. 72 DEL 91 Filed on Date 25-1-91.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

(CLAIMS 6)

A tubular metal frame racket for playing tennis, squash, badminton and other similar games comprising a pair of tubular members (T & T2) extending along the periphery of the racket frame (T)

to form a net portion (N) and a hand portion (H), a spacing member (S) having holes (H 1 & H 2) and integral to said tubular members (T & T2) being provided there between so as to form a channel between said tubular members (T & T 2) of the net portion (N), a consolidating member (C) being provided between said net portion (N) and hand portion (H), a plastic strip (ST) with holes (H 1 & H 2) corresponding to the holes (H 1 & H 2) of the said spacing member (S) being provided over said space member (S) and said consolidating member (C) for providing string net in said net portion (N) of the racket T).

Reference : NIL

Agent : L. S. DAVAR & CO.

(Complete Specification 10 Pages; Drawing Sheets 1)

Ind. Cl. : 152 E 180308

Int. Cl. : C 08 J 3/24

Title: "A PROCESS FOR PREPARING AN IMPROVED VULCANISED THERMOPLASTIC COMPOSITION".

Applicant : EXXON CHEMICAL PATENTS INC, A CORPORATION OF DELEWARE, UNITED STATE OF AMERICA, 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY UNITED STATES OF AMERICA.

Inventors : HSIEN CHANG WANG KENNETH WILLIAM POWERS, ROBERT CHESTER PUYDAK AND NARAYANSWAMI RAJA DHARMARAJAN] UNITED STATES OF AMERICA,

Kind of Application : COMPLETE SPECIFICATION

Application for Patent No. 73 / DEL / 91 Filed on 25-01-91.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims) 16

A process for preparing an improved vulcanized thermoplastic composition, which comprises the steps of :

(a) blending a thermoplastic olefinic resin, an unvulcanized elastomeric halogen-containing copolymer of a C_4 to C_7 isomonoolefin and a para-alkylstyrene, and a vulcanization agent of the king described hereinbefore capable of vulcanizing said elastomeric halogen-containing copolymer, and

(b) Masticating and shearing the blend resulting from step (a) at conventional vulcanization conditions to produce a vulcanized thermoplastic composition.

Ref. No. U. S., Patent No. 3037954, 3326833, 4130534, 4639487 and 4350794.

Agent : Remfry & Sagar

(Complete Specification 62 Pages; Drawing Sheets Nil)

Ind. Cl. : 116 F 180309

Int. Cl. : B 66 B 1/24

Title : IMPROVED OPERATIONAL CONTROL SYSTEM FOR A SINGLE SPEED ELEVATOR

Applicants : OTIS ELEVATOR COMPANY, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF NEW JERSEY, UNITED STATES OF AMERICA, OF TEN FARM SPRINGS, FARMINGTON, CONNECTICUT 06032, UNITED STATES OF AMERICA

Inventors : VIVEK KRISHNA CHITALEY, MAHESH VASANJI MAROO AND GULAB HASHMATRAI MALKANI (INDIAN)

Kind of Application : PROVISIONAL—COMPLETE

Application for Patent No. 76/DEL/91 filed on 29-01-91 Complete left after Provisional filed on 29-04-92.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims) 10

An improved operational control system for a single-speed elevator constituting an interface between the signals generated by the elevator car-operating buttons and the contractors for the elevator motors which system comprising :

thyristor-powered memory means 1', 2 for registering and storing car call signals and hall call signals generated by the pressing of call buttons within the elevator car or on floor landings respectively;

selector-control means C_1-C_4, H_1-H_4 connected to said memory means, 1, 2 said selector-control means C_1-C_4, H_1-H_4 ensuring that only car calls are acted upon during the upward mode of travel of the elevator and both car and hall calls during the downward mode of travel of the elevator;

hoistway switch means 6 connected to said memory means 1'2 and to said selector control means for determining in conjunction with the location of the elevator car within the elevator hoistway the direction of travel of said car;

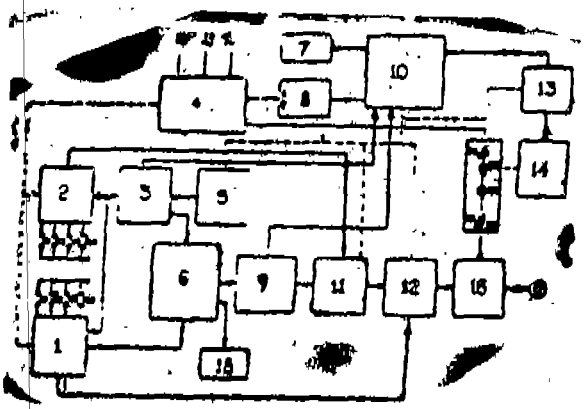
auxiliary relay means 9 connected to the output of said hoistway switch means 6, the signal from which switch means 6 sets such auxiliary relay means 9 in an up or down mode;

second auxiliary relay-cum-timer means 10, connected to said first auxiliary relay means 9 and to said selector-control means, C_1—C_4, H_1—H_4 said first auxiliary relay means 9 acting to set said second auxiliary relay means 10, in a corresponding up or down mode for the travel of the elevator car; and

circuit interrupter means 14, 15 connected between said first auxiliary relay means 9 and the contractors 16 of the elevator motor m as well as to said memory means 1' 2 for interrupting power to said motor m in response to signals received from said first auxiliary relay means 9 to stop the elevator at a selected landing.

Ref. : NIL

Agent : REMFRY AND SAGAR



(Provisional Specification 8 Pages ; Drawing 1 Sheet)

(Complete Specification 14 Pages ; Drawing 1 Sheet)

Ind. Cl : 187 180310

Int. Cl[4] : G 10K, 11/36

Title : AN ACOUSTIC MERCUTY DELAY LINE DEVICE USEFUL FOR MEASURING ACOUSTIC WAVE VELOCITY IN SOLIDS/LIQUIDS

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001

Inventor : YELLAMRAJU VENKATA RAMANA, IN

Kind of Application : COMPLETE

Application for Patent No. 85/DEL/91 filed on date 30-1-91

Appropriate office for opposition proceedings (Rule 4, Patents rules. 1972) Patent Office Branch, New Delhi-110005.

(Claims 2)

An acoustic mercury delay line device useful for measuring acoustic wave valocity in solids/liquids which comprises a container (7) having an acoustic transducer (15) fixed rigidly to the bottom of the container (7) the container having a lcolumn of mercury (9) above the rigidly fixed transducer (15) a rigid bushing (6) being placed above the mercury column (9) in the top portion of the container (7) kamned head (4) and the bushing (6) holding a collimating acoustic transducer (5) help in displacing said transducer (5) for collimating with respect to the rigidly fixed transducer (15)' the container (7) being provided with appropriate connectors at top and bottom and the transducers (5 and 15) having electrical connections for power supply.

Reference : NIL

Agent : NIL

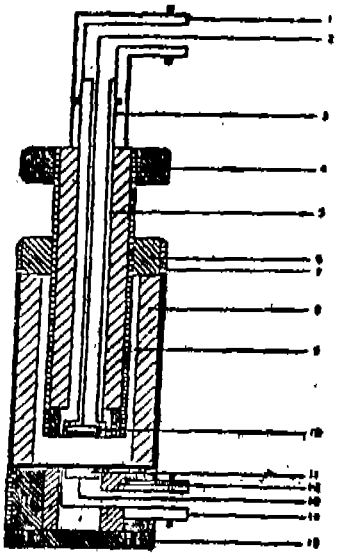


Fig. 2

(Comp' Spen' 9 : Pages; Drgs Sheets—NIL)

Ind. Cl. : 140 A_2 180311

Int. Cl^4 : C 10 M 129/00

Title : A FUNCTIONAL FLUID COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, of 29400 Lakeland Boulevard Wickliffe Ohio 44092 USA, a corporation organised under the laws of the State of Ohio, USA.

Inventor : REED HUBER WALSH, U. S.

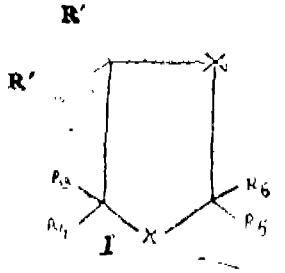
Kind of Application : Complete

Application for Patent No. 1014 /DEL/87 filed on date 27-11-87.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 16)

A functional fluid composition comprising more than 50% by weight of a functional fluid such as herein described and the balance of an oil soluble or dispersible compound of the Formula I,



wherein each X is

independently oxygen or sulfur and substituents R_1—R_6 are each independently a member of the group consisting of

(A) hydrogen,

(B) hydrocarbyl,

(C) R_7——C(0)——O—— C

(D) R_7—— O——E(O)——, and

(E) R_7——N(R_8)——C(O)O——C—

wherein R_7 is hydrocarbyl and each R_8 is independdently hydrogen or hydrocarbyl.

Ref. No. : US PATENT NO. 1837273, 4262030, 2421770, 3748344, 3860665, 3862260, 3887628, 3470206, 3900411, 3910845, 4390345, 4457763 &

Australian Patent Specification AU 548921

Agent : REMFRY & SON,

Compl Spn. : 32 Pages; Drgs 1 Sheet.

Ind. Cl: 55 D_2 & 32 F_{2b} 180312

Int. C : C07D 263/14

Title : IMPROVEMENTS IN OR RELATING TO THE PROCESS FOR PREPARATION OF 3-AROYLOXY ISOXAZOLE DERIVATIVES·

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India and Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

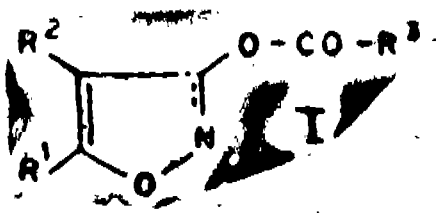
Inventors : RAJAT BARAN MITRA, AMMANAMANCHI SUBHARAO, GAUTAM DUTTA RAY, SHRIPAD MURLIDHAR TOKE AND SHARMRAO GANPATRAO PATIL.

Application for Patent No· 1119/DEL/87 filed on 23 Dec. 1987. Divisional to Appln. No. 634 /Del/85 filed on 02 Aug., 1985, Ante dated to 11 Apr·, 1986.

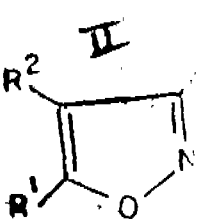
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 4

An improved process for the preparation of 3 aroyloxy isoxazole derivatives of formula I



whrein R'represents hydrogen alkyl group containing 1—4 carbon atoms, straight or branched chain aryl group which may or may not be substituted, R^2represents hydrogen or alkyl radical, R^3 represents aryl radical which may or may not be substituted which comprises reacting 3-hydroxy isoxazole dervative of the formula II.,



with acid halide of the formula IV

R^3—CO—X

wherein R^1, R^2, and R^3 have the meanings given above and X represents halogen in the presence of alkali carbonates at a temperature range of 0—30°C.

extracting the product obtained in an organic solvent and purifying the product by known methods.

(USES : The product of invention is useful in agriculture as Fungicides).

(Com. Spn. : 6 Pages; Drgs. Sheet—2)

Ind. Cl : 62 E [XXII (1)[

Int. Cl. : D06 F 21/06 180313
D 06 F 37/12.

A TRANSMISSION ASSEMBLY FOR AN AUTOMATIC WASHER

Applicant : WHIRLPOOL CORPORATION 2000 M-63, BENTON HARBOR, MICHIGAN 49022 UNITED STATES OF AMERICA, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OF THE STATE OF DELAWARE.

Inventer : WILLIAM LESTER KENNEDY.

Application No. : 611/DEL/88. filed on 18 JULY 1988.

Appropriate office for Opposition Proceeding (Rule 4, Patents Rules, 1972, Patents Office Branch, New Delhi-110005

Claims 07

1. A transmission assembly for an automatic washer having a vertical axis agitator (18) driven in an oscillatory manner by a motor (22) during an agitate portion of a wash cycle, and a wash(16) basket mounted concentrically around said agitator to spin with said agitator during a dehydration portion of a wash cycle, said transmission assembly comprising :

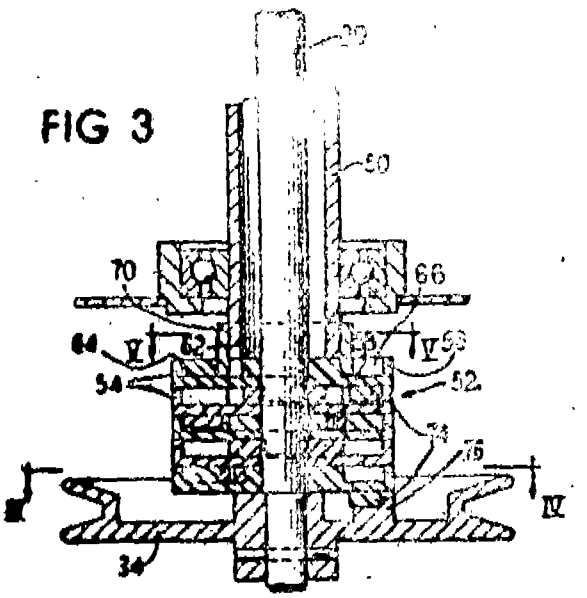
a first driven (58) member coupled to (22) and rotationally driven by said motor;

at least one second driven (38) member coupled to said first driven member and rotationally driven by said first driven member;

said second driven member being selectively driven by said first member only after said first driven member has first rotated to a predetermined angular position relative to said second driven member ;

said second driven member having a driving connection to said wash basket such that rotation of said second driven member will cause rotation of said wash basket.

FIG 3



(Comp. Spcn. 15 pages; Drgs. 6 sheets)

Ind. Cl. : 32 [illegible]b 180314

Int. Cl⁶ C07C 63/14, 87/452, 103/15

Title : "A PROCESS FOR PREPARING 5—AMINO-2, 4, 6-TRIIODO-1, 3 BENZENE CARBOXYLIC ACID MOIETY DERIVATIVES"

Applicant : E.R. SQUIBB & SONS, INC., A CORPORATION ORGANISED UNDER THE LAW OF THE STATE OF DELAWARE UNITED STATETS OF AMERICA OF P. O. BOX 4000, PRIOCETON NEW JERSEY 08543—4000 UNITED STATES OF AMERICA.

INVENTORS : RAMACHANRAN S. RANGANATHAN USA
THANGAVEL ARUNACHALAM, USA.
EDMUND R. MARINELLI, USA
RADHAKRISHNA PILLAI, USA.

KIND OF APPLICATION : COMPLETE

Application for patent No. 1161/DEL/90 filed on 23-11-90

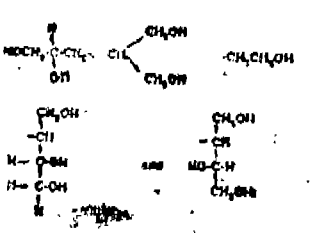
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules (1972) Patent Office Branch, New Delhi-110005

Claims—2

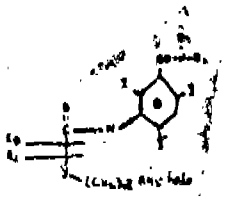
A process for preparing 5-amino-2,4,6-triiodo-1, 3, benzene carboxylic acid moiety derivatives having the formula

Wherein Y is a single bond- CH_2CH_2-, CH_2O-,OCH_2-, N-CH_2-, -CH_2N-, CH_2-N-C, CH_2-, -O- and -N-;

R_1 and R_2 are the same or different and are



R_3 and R_4 are the same or different and are hydrogen, methyl or $-CH_2CH_2OH$; R_5 is hydrhgen, alkyl, $-CH_2CH_2OH$, CH_2OH or OH and R_6 is alkyl, $-CH_2CH_2OH$, CH_2OH, OH or hydrogen and may be the same or different than R_5 and m is zero or one with the proviso that no methylene or methine carbon atom of the heterocyclic ring is attached to both a nitrogen and an oxygen atom with the additional proviso that when Y is a single bond, m is not zero, by cyclization in any conventional manner of a compound of the formula



Ref. : NIL

Agent : REMFRY & SAGAR

(Complete Specification 83 Pages Drawing Sheet Nil)

Int. Cl. [4] : 9 D 180315

Ind. Cl. : C 22 C 38/48

A PROCESS FOR THE PREPARATION OF A NOVEL COLD WORKED STEEL WITH HIGH CRUSHING STRENGTH,

Applicant : BOHLER EDELSTAHL GMBH,, AN AUSTRIAN COMPANY, OF A-8605 KAPFENBERG, MARIZELLERSTRASSE 25, AUSTRIA.

Inventor : KARL LEBAN, AT
HERBERT SCHWEIGER, AT

Kind of Application : COMPLETE

Application Patent No. 1239/DEL/90 filed on date 7-12-90

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 5

A process for the preparation of a novel cold worked steel with high crashing strength which comprises subjecting to conventional alloying operation, a composition comprising :

C	0.6 to 1.5	% wt.
Si	0.2 to 1.6	% wt.
Mn	0.2 to 1.2	% wt.
Cr	5.0 to 10.0	% wt.
Mo	upto 3.0	% wt.
W	upto 6.0	% wt.
(Mo+2W)	1.0 to 3.0	% wt.
V	0.3 to 1.5	% wt.
Al	0.2 to 1.6	% wt.
Nb	upto 0.5	% wt.
N	upto 0.1	% wt.

Reference : NIL

Agent : REMFRY & SAGAR

Complete Specification 10 Pages: (Drawing Sheets-Nil)

Ind. Cl. : 1A 180316

Int. Cl. [4] : C 09 J 3/16

A PROCESS FOR THE PREPARATION OF CONDUCTIVE OF CONDUCTIVE COMPOSITES OF POLYANILINE WHICH CAN BE USED FOR ELECTROSTATIC CHARGE DISSIPATION AS A CONDUCTING ADHESIVE.

Inventors : DENESH CHANDRA TRIVEDI,
SUNDEEP KUMAR DHAWAN,

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Kind of Application : PROVISIONAL COMPLETE

APPLICATION FOR PATENT NO. 1202/DEL 90 FILED ON DATE 30-11-90

COMPLETE LEFT AFTER PROVISIONAL SPECIFICATION ON 21-01-92

Appropriate office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch New Delhi-110005

Claims 8

A process for the preparation of conductive composites of polyaniline which can be used for electrostatic charge dissipation as conducting filler material and as conductive adhesive which comprises preparation of conductive polyaniline by chemical oxidative polymerization of aniline or its salt and maintaing pH in the renge 1 to 1.5 by known method and in the temperature range of 5-10°C by adding aqueous solution of ammoniun persulphate dropwise and stirring the reaction mixture for a period 2-4 hrs. adding the polymer polyaniline so obtained to polyvinyl alcohol solution at room temperature under constant vigorous stirring to ensure the homogeneous dispersion of polyaniline in polyvinyl alcohol solution and if desired, casting the mixture with or without glycerol to give the conductive composite film.

Ref. : No. NIL

Agent : NIL

(PROVISIONAL SPECIFICAT ON 9 PAGES—DRAWING NIL)

(COMPLETE SPECIFICATION 15 PAGES—DRAWING NIL)

Ind. Cl. : 9 D 180317

Int. Cl. : C 22 C 38/04.

A PROCESS FOR THE PRODUCTION OF Fe-Mn-Al ALLOYS SHEET FOR RELAY CORE APPLICATIONS

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY IN CORPORATED UNDER THE REGISTRATIONOF SOCIETIES ACT (ACT XXI OF 1860) HEREBY declare.

Investors : CHITTARANJAN TEWARI, SUDHAKAR PRAMANIK, VENKATESH RAO AND OMKAR NATH MOHANTY, (INDIAN).

Kind of Application : Provisional Complete. Application for Patent No. 1203/DEL/90 filed on 30-11-90.
Complete left after Provisional filed on 27-12-91.

Appropriate office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

Claim 3

A process for the production of Fe-Mn-Al Alloy sheet for relay core applications which comprises of : (i) melting iron, manganese and alumium in an air induction furnace (ii) casting the melt in cast iron moulds, (iii) forging the cast ingots in the temperature range 1000—1100 deg. C (iv) hot rolling of the forged material from 8-10mm to 2-3 mm thickness in the temperature range 1000—1100 deg. C (v) pickling of the rolled sheets in 10% sulphuric acid solution (vi) cold rolling to a thickness of 0.3-2'6 mm (vii) annealing at a temperature range of 800—950 deg. C for a period of 2—4 hours followed by cooling to room temperature at the rate of 60 deg. C/hour in an inert atmosphere or vacuum.

Ref : Reference has been made to Indian Patent Application No. 1204/DEL/90.

Agent : S. S. I. R.

(Provisional Specification 5 Pages, Drawing Nil).

(Complete Specification 8 Pages; Drawing Nil).

Ind. Cl. : 146 A 180318

Int. Cl.[4] : C 10M 139/06

"LUBRICATING OIL COMPOSITIONS FOR MeOH-FUELED DIESEL ENGINES.

APPLICANT : THE LUBRIZOL CORPORATION, a corporation organised under the laws of the State of Ohio, United States of America, of 29400, Lake- land Boulevard, Wickliffe, Ohio-44092, United States of America.

Inventors : WILLIAM BRICKER CHAMBELIN, AMERICA

Kind of Application : COMPLETE.

Application for Patent No. 1216/DEL/90-filed on 30-11-1990.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 22

A lubricating composition comprising :

(A) at least one neutral or basic metal salt of at least one acidic organic compound of the kind such as herein described contributing from 0.05 to 0.25 wt. per cent of said metal to the composition, wherein the metal in said salt is nmagnesium, barium or a mixture thereof ;

(B) 0.5 to 0.3 weight-per cent of at least one hydrocarbyl-substituted ashless dispersant of the kind such as herein described wherein each hydrocarbyl substituent has a number average molecular weight up to about 1,500; and

(C) a major amount of at least one oil of lubricating viscosity;

provided that said composition contains not more than 0.06 weight-per cent calcium, conventional amount of sodium not more than 0.5 weight per cent of hydrocarbyl-substituted ashless dispersant wherein the number average molecular weight of a hydrocarbyl substituent is greater than about 1,500 and not more than about 0.5 weight per cent olefin copolymer viscosity improver and optionally conventional amount of additives such as herein before described.

Ref : NIL

Agent : REMFRY & SAGAR.

(Complete Specification 131 Pages; Drawing Sheet 1)

Ind. Cl. : 68 E 180319

Int. Cl.[4] : G 01 R 27/10

'DETECTOR OF THE REGULATED VOLTAGE TWO WIRE TYPE'.

Applicant : TELEMECANIQUE, a French company of 43—45, Boulevard Franklin Roosevelt, 92500 Rueil Malmaison, France.

Inventors : STEPHANE EVEN, FR
DIDIER LEONARD FR

Kind of Application : COMPLETE

Application for Patent No. 1227 / DEL / 90 filed on 04-12-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

Claims 7

A two-wire detector which comprises ;

— a two-state sensor (10) having at least two supply inputs and one state output.

— a switching device (20) having at least two supply outputs connected to said inputs, and two terminals (A, B) connected to a user circuit (30), said user circuit comprising a load in series with an electric voltage source, said switching device having switching means connected to said terminals for opening or closing said user circuit according to the state of said sensor.

wherein said switching device comprises:

— a series voltage regulation circuit (21) connected between said terminals and said supply inputs,

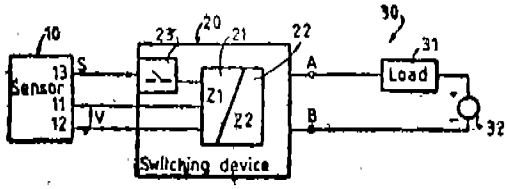
— a parallel voltage regulation circuit connected between said terminals, and

— a switching circuit having an input connected to said state ouptput and to the control input of said voltage regulation circuits so as to alternately activate said regulation circuits as a function of the state of said sensor.

Ref. : NIL

Agent : REMFRY & SAGAR.

FIG. 1



(Complete Specification 10 Pages — Drawing Sheet 1)

Ind. Cl. : 32 B 180320

Int. Cl.[4] : C 07 C 9/60 & 11/04

A PROCESS FOR THE PREPARATION OF IMPROVED MGO CATALYSTS USEFUL FOR OXIDATIVE CONVERSION OF METHANE TO HIGHER HYDROCARBONS IN PRESENCE OF FREE OXYGEN.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001. India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : VASANT RAMCHANDRA CHOUDHARY, VILAS HARI RANE, SOPAN TUKARAM CHAUDHARI & AMARJEET MUNSHI RAM RAJPUT, ALL CITIZENS OF INDIA.

Kind of Application : COMPLETE.

Application for Patent No. 1180 / DEL / 90 filed on Date 27-11-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

Claims 10

A process for the preparation of improved Mgo catalysts useful for oxidative conversion of methane to higher hydrocarbons in presence of free oxygen, which comprises (i) preparing a basic magnesium carbonate by precipitating an aqueous solution of magnesium nitrate or acetate or chloride or sulphate in a concentration range of 0.05-4.0 mol^{-1} with an equimolar aqueous solution of ammonium or alkali metal carbonate, such as sodium carbonate, sodium bicarbonate, potassium carbonate at a temperature in the range of 10 to 90°C and a pH in the range of 8.0 to 12.0, naturally ageing the precipitate up to 24 hrs. washing the precipitate thoroughly with deionised water until free from the cations and anions, filtering the precipitate, drying at 90 to 150°C for 1—24 hrs. and powdering the said basic magnesium carbonate, (ii) then impregnating with acetate or nitrate of rare earth metal such as La, Sm, Nd, Ce, Pr, Pm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu or a mixture of two or more thereof, by mixing thoroughly powdered basic magnesium carbonate with an aqueous solution of rare earth metal salt having metal/Mg mole ratio of 0.01 to 1.0 and H_2O/magnesium carbonate weight ratio of 0.01 to 5.0, heating the resulting slurry under stirring at about 100°C until a formation of thick paste and drying the thick paste at 80—150°C, (iii) calcining the said paste at a temperature of 600—1200°C in presence of air or CO_2 or inert gas such as N_2, H_2, Ar, or their mixture or under vacuum for 1—100 hrs.

Ref. No. NIL

Agent: NIL

(Complete Specification 19 Pages; Drawings Nil.)

Ind. Cl.: 71 E&G 180321

Int. Cl.: E02 F 9/28

'A REPLACEABLE WEAR PLATE'

Applicant: ESCO CORPORATION, UNITED STATES OF AMERICA 2141 N.W. 25TH AVENUE PORTLAND, OREGON 97210, USA.

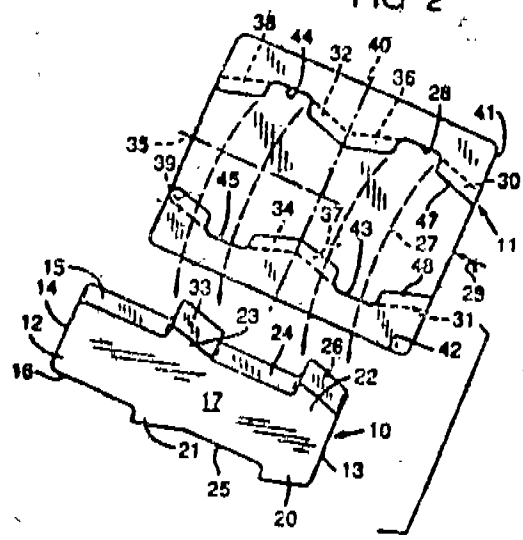
Inventor : TERRY LEE BRISCOE (US); PAUL CHRISTIAN SPRUNGER (US),

Kind of Application; COMPLETE.

Application for Patent No.: 129/DEL/91 Filed on Date 19-2-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

FIG 2



(Complete Specification 27 Pages Drawing Sheet-6)

Claims-7

A replaceable wear plate for installation on the wearable part (18,518) of a structure engageable with abrasive material comprising, aunitary relatively elongated, substantially rectangular plate-like body (12', 412') having end (13',413', 14',414) walls, sidewalls, (15' 415' '16' 416') and top and bottom surfaces (17',417', 19',419'), one of said surfaces (19,419') being adapted to engage said abrasive material,

the other (17',417') of said top and bottom (17'417', 19'419') surfaces being adapted to be positioned in confronting relation to said wearable part by movement substantially along its longitudinal centerline (35,435,535),

said other surface (17', 417') adjacent both sidewalls (15' 415', 16',416') being equipped with transversely-spaced integral portions (41,441,42, 442, 541, 542) providing a slot with opposing walls (47, 447, 48, 448, 547, 548) a first (47, 447, 547) of said opposing (47', 447, 48, 448, 547, 548) walls having a pair of longitudinally spaced apart dovetail surfaces (30, 430, 530, 32, 432, 532) inclined at a positive angle to said centerline (35, 435' 535) in the plane of said other surface (17', 417'), characterized in that the second (48, 148, 548) of said opposing (47, 447, 48, 448, 547, 548) walls have a deoetail (37, 434, 543) surface positioned intrmediate the adjacent ends of said first opposing wall pair of dovetail surfaces (30, 430, 530, 32, 432 532).

Ind Cl: 32E 180322

Int Cl: C 08F 2/34, 10/00

"A PROCESS FOR POLYMERIZATION OF ONE OR MORE OLEFINIC MONOMERS IN A GAS PHASE POLYMERIZATION AND AN APPARATUS THEREFOR"

Applicant: BP CHEMICALS LIMITED, A BRITISH COMPANY, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SWIW OSU, ENGLAND

Inventor : DANIEL BRULE, FR
JEAN MARIE IFFLY, FR
CHARLES RAFAST, FR

Kind of Application: Complete
Application for Patent No. 144/D/91 Filed on Date 20-2-91

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4. PATENTS RULES, 1972), PATENT OFFICE BRANCH NEW DELHI-110005

(Claims 31)

A process for polymerization of one or more olefinic monomers in a gas phase polymerization reactor in the presence of a solid catalyst comprising a Transition

metal belonging to group IV, V or VI of the Periodic Table of Elements, said process comprising:

introducing said solid catalyst into said reactor in the form of a propolymer suspension prepared in a prepolymerzation zone by bringing at least one of said olefinic monomers into contact with said solid catalyst in the presence of one or more liquid saturated hydrocarbon(s) of the kind such as hereinbefore described to form a suspension of polyfinic monomer(s) under a pressure P,

said suspension flowing continuously from said prepolymerization zone through a post-treatment zone for deggassing to remove unreacted olefinic monomer(s) from said suspension to the gas phase polymerizaton reactor, optionally adding a cocatalyst and/or catalyst inhibitor of a catalyst activator of the kind such as hereinbefore described in the post treatment zone or preferably when said suspension is flowing from post-treatment zone to the gas phase polymerizaton reactor.

Reference No. Nil

Agent: Remfry & Sagar New Delhi.

(Complete Specification 33 Pages Drawing 1 Sheets).

Ind. Cl.: 40F 180323.

Int. Cl.: CO 8B 30/04

"A DRY PROCESS FOR THE PREPARATION OF CATONIC STARCH".

Applicant & Inventor: BHARAT STARCH AND CHEMICALS LIMITED AN INDIAN COMPANY OF N-75, CONNOUGHT CIRCUS, NEW DELHI-110001.

Kind of Applicaton: Complete

Application for Patent No. 152 DEL 91 Filed on Date 22-2-91

Appropriate Office for Opposition Proceedings (Rule 4, patents Rules, 1972), Patent Office Branch New Delhi-110005.

(Claims 6)

A dry process for the preparation of catonic starch comprising preparing a reaction mixture by adding 2 to 4% by weight of strong alkali as herein described to starch in powder form so as to have a pH of 9 and above, spraying 10 gms of a reagent such as 3 chloride 2 hydroxy propyl trialkylchloride or glycidyl trialkyl ammonium Chloride, during the period of 1.5 to 3 second on to said reaction mixture under agitation to cause reaction therein at a temperature of 60-70 .C for two to three hours, and then nautralizing the reaction product so obtained by addition of an organic acid as herein before described to have a pH of 7 to 8 to obtain catonic starch.

Ref. No,: NIL

Agent: L.S. Davar and Company New Delhi.

(Complete Specification 10 Pages Drawing Nil Sheets).

Ind. Cl. : 13D 180324

Int. Cl. : A45C 3/02

"A SUITCASE"

Applicant : AMERICAN TOURISTER' INC' A Corporation Organised under the laws of the state of Indiana, United States of America, of 91 Maih Street Warren, Rhode Island 02885 , United States of America.

Inventor : LESTER B.CARPENTER, U.S. WAYNE I. SCHMITTI US LAURENCE SNELL, US DAVID BIEBER, US.

Kind of Application : Complete.

Application for Patent No. 156/D/91 filed on Date 25-2-81

Appropriate Office for Oppostion Proceedings (Rule 4, Patents Rules, 1972), Patent Office branch New Delhi 110005.

(Claims-15)

A suitcase comprising a container (10) having bottom (19,17,106) wall and an end wall, (4,72,110) a wheel system (57, 62, 93, 96, 106) mounted on or adjacent said bottom (19,70,105) wall, a rigid handle (20 86,100) with a lower end (25), mounting means (30,85,112) for mounting said handle (20,96,100) an inside surface of said container (10) for movement between a retracted position wherein said handle (20, 86, 100) is retracted into said container (10) and an extended position wherein said handle (20), 96,100) projects from said container (10) and means (26,45,130) pivoting lower end (25) of said handle (20,86,100) to siad suitcase to permit said handle (20.86,100) to swing to an inclined position for pulling said suit case characterized in that said said

mounting means (30,85,112) means is adapted to mount said handle (20,86,100) on an inside surface of an end wall (14,72,110) of said container (10) and in that means (38,122,123,128) is provided for maintaining said handle (20,86,100) in a vertical attitude at an intermediate retracted position between fully retracted and fully extended positions for ease in pushing on said handle (20, 86,100) to move said suitcase small distances.

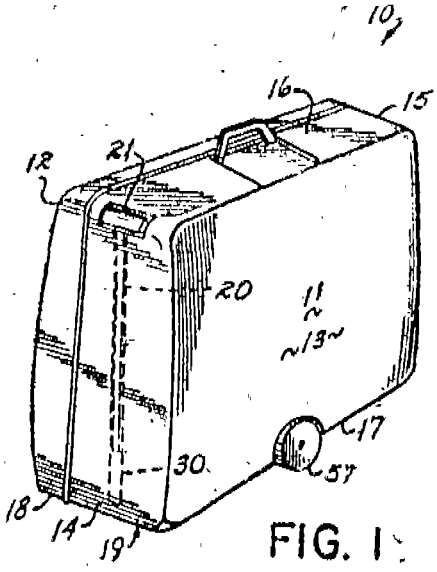


FIG. 1

(COMPLETE SPECIFICATION 17 PAGES DRAWING 7 SHEETS)

Ind. Cl. : 32E+F. C 18035

Int. Cl.[4] : C08G 69/00

TOUGHENED ALPHA-POLYAMIDE COMPOSTION AND A PROCESS OF PREPARING THE SAME.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V,. A Netherlands Compnay, of Carel Van Bylandtlaasd 30, 2696 HR, The Hague, The Netherlands.

Inventor : MICHALE JOHN MODIC (U.S.A.)

Kind of Application : Complete.

Application for Patent No. 159/Del/91 filed on date 26-2-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims-19

A toughened alpha-polyamide composition comprising a toughener, the toughener comprising a functionalized hydrogenated polymerst of of the kind such as hereinbefore described which prior to hydrogenation comprised polymerized conjugated diolefin monomer units, and alpha polyamide of the kind such as hereinbefore described where in the ratio of toughener to alpha polyamide is 1:2 to 20 parts by weight in the final composition.

(Comp. Spn. : 21 Pages Drgs : (0/Sheets)

Ind. Cl : 131 A—3 180326

Int. Cl[4] : E 21 B 21/00

GEOTHERMAL WELL COMPLETION DEVICE

Applicant : PIERRE UNGEMACH, 2, Rue Rameau, 60300 Senlis, France;

ROLAND TURON, 6 Allee Richard Wagner, 93420 Villepinte, France.

Inventor : PIERRE UNGEMACH (FR);
ROLAND TURON (FR).

Kind of Application : COMPLETE

Application for patent No : 161/Del/91 filed on dated 26-2-91.

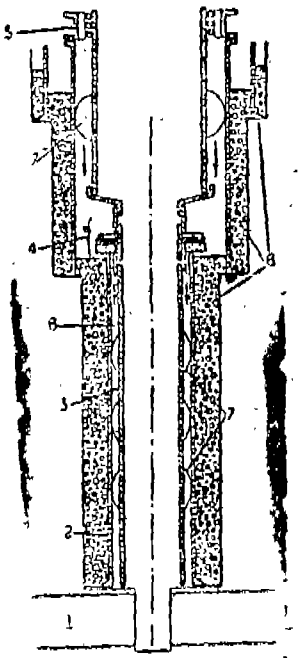
Appropriate office for opposition proeecdings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

Claims-3

Geothermal well completion device comprising a steel support casing (2), positioned, cemented and associated with a production or injection strin (3), characterised in that annular space (6) is provided between said steel support casing (2) and the production or injection string (3), said annular space (6) for isolating said steel support casing (2) from the corrosive effects of harnessed geothermal or other fluids passing through said production or injection string (3), a support assembly (4) resting on a seat (12) located at the head of said steel casing (2), said assembly (4) suspending a lower part of said production or injection string (3), said seat (12) being pro-

vided with continuity means (13) for ensuring fluid passage in continuity with said annular space (6) around said production or injection string (3).

FIG.1.



(Comp. Spn. : 11 Pages Drgs : 4 Sheets)

Ind. Cl. : 187 H 180327

Int. Cl. : H04B 7/185

"AN APPARATUS FOR NETWORKING SATELLITE AND TERRESTRIAL NETWOKRS."

Applicant : MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1303 EAST ALGONQUIN ROAD, SCHAUMBURG, ILLINOIS, 60196. UNITED STATES OF AMERICA.

Inventor : THOMAS ARTHUR FREEBURG, U.S.

Kind of Application : Complete.

Application for Patent No. 172/D/91 filed on dated 5-3-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi, 10005.

(Claims—3)

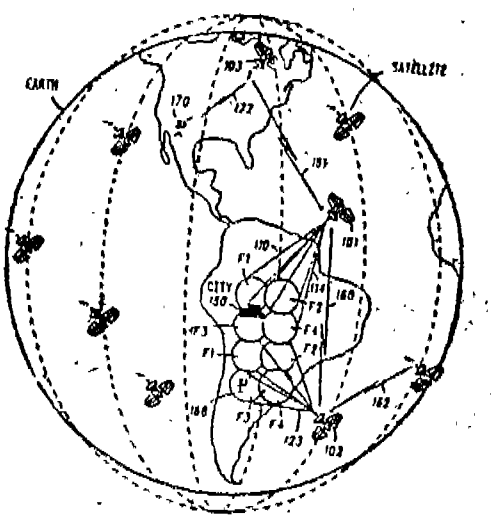
An apparatus for networking satellite and terrestrial networks comprising :

an antenna (315) coupled to the terrestrial network, (310—315) communication channel (f1-f4) (320,343) between the terrestrial network transmitting a signal over a first antenna (311) and a subscribed unit (330-333);

a first satellite (301) of the satellite network, (301-303) the first satellite having a second channel (317-342) over which the first satellite (301) transmits and receives signals;

a terrestrial controller (313) coupled to the terrestrial network to adjust a powder level of a first signal transmitted from the antenna to be about one order of a magnitude of the differential path loss above a co-channel satellite transmission and to adjust a powder level a second signal transmitted to the antenna to be about one order of a magnitude of the differential path loss below co-channel transmissions to the satellite.

FIG.1



(Comp. Spn. : 11 Pages Drgs : 2 Sheets)

Ind. Cl. : 170A 180328

Int. Cl.4 : C11D, Y20

"LIGHT DUTY LIQUID DISHWASHING DETERGENT COMPOSITION CONTAINING ALKYL POLYSACCHARIDE AND ALPHA-SULFONATED FATTY ACID ALKYL ESTER SURFACTANTS"

Applicant : THE PROCTER & G MPANY, a corporation organized and existing under the laws of the State of Ohio, USA, of one Procter & Gamble Plaza, cincinnati, State of OHIO, 45202, U S A

Inventors : ANNROBERTA CUTLER
THOMAS ANTHONY CRIPR
JAMES MICHAEL VANDER-MEER

Kind of Application : Complete
Application for Patent No. : 175/Del/91Filed on dated 6-3-1991

Appropriate office for opposition proceedings (Rule 4 patents Rules 1972) patent office Branch, New Delhi-110005.

Claims-13

A light-duty liquid diswashing detergent composition comprising by weight, from (a) 10—50% of an alkyl polysaccharide surfactant of the formula

$R—O—G_x$

Where R is on the average a C_{10} to C_{16} alkyl, G is a moiety derived from a reducing a saccharide containing from 5 to 6 carbon atoms and X is on the average from 1—0 to 3.0 and (b) from 2% to 45% an alpha-sulfonated fatty acid alkyl ester surfactant of the formula

$R_1—CH—CP_1—OR_2$
503M

Where R_1 is on the average a C_8 to Cl_6 alkyl, R_2 is on the average C_1 to C_6 alkyl, and M is a cation, and in that the weight ration of (a)/(b) is 50/50 95/5 optionally with other conventional ingredients.

(Comp Spn : 19 Pages Drgs : Sheets Nil)

Ind. Cl. IA, 32E, 32B. 180329

Int. Cl.[4] C 08L 67/00, C09J 3/00.

COMPOSITION FOR USE IN IMPROVING ADHESION OF VINYLIDENE POLYFLUOFIDE TO NON-COMPATIBLE POLYMERIC RESINS.

Applicant : ATOCHEM, 4 & 8 COURS MICHELET-LA DEFENSE 10, 92800 PUTEAUX, FRANCE.

Inventor : DUPERRAY GILBERT
ROCHER PHILIPPE
STRASSEL ALBERT

Kind of Application ; Complete.

Application for Patent No. : 179/DEL/91 Filed on 7-3-91

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A composition for use in improving adhesion of vinylidene polyfluoride to incompatible polymeric resins, said composition comprising ;—

(1) from 27 to 50 parts by weight of alkyl polymethacryiate; and

(2) from 73 to 50 parts by weight of an additive, said additive comprised of ;

(a) from 30 to 50 parts by weight of PVDF per 100 parts of additive, and

(b) from 65 to 50 parts by weight of acrylic or methacrylic elastomer per 100 parts of additive.

(Complete Specification 29 pages Drawing Sheets-Nil.)

Ind. Cl. : 188 180330
Int. Cl. : C 23C 4/04

"METHOD AND APPARATUS FOR PRODUCING ENAMELLED WIRES USING FUSIBLE RSEINS."

Applicabt ; MAG MASCHINEN UND APPARATEBAU GESELLSCHAFT m. b. H., AN AUSTRIAN COMPANY OF PUNTIGAMER STRASSE 127, 8055 GRAZ, AUSTRIA.
Inventor ; HERBERT BERTHOLD AT HANS-PETER PICHLER, AT

Kind of Application : Complete.

Application for Patent No. 181/D/91 Filed on 7-3-91,

Appropriate Office for opposition proceedings (Rule 4 Patents Rules 1972) Patent office Branch New Delhi-110005.

7 Claims

A method for producing enamelled wire using resins, with the wire being pulled off a raw wire guide thorugh a resin coating means, coated in the resin coating means with molten resin and re-wound by a winding-on machine, comprising the steps ;

pumping molten resin from a supply into the resin coating means, pulling the wire through the resin coating means in contract with the molten resin and

trough a wire-duct hole having a calibrated diameter, and returning the excess resin from the coating means to the supply characterised in that said resin is almost solvent freefusible resin and said molten resin is pumped at a rate which exceed a rate needed to produce a coated wire having a calibrated diameter.

Ref. : REFERENCE HAS BEEN MADE TO EP-PS 0063963.

(Complete Specification 18 pages Drawings 5 Sheets)

Ind. Cl. : 32F 180331

Int. Cl[4] ; CO 7 F 255/06

A PROCESS OF PRODUCING A FUNCTIONALIZED DERIVATIVF OF AN ELASTOMERIC BLOCK POLYMER.

Applicant ; SHELL INTER NATIONALE RESEARCH MAAT SCHAPPIJ B.V., A NETHERLANDS COMPANY, OF CAREL VAN BYLANDTLAAN 30 2596 HR, THE HAGUE, THE NETHERLANDS.

Inventor : LINDA RAE CHAMBERLAIN (U.S.)

Kind of Application : Complete.

Application for Patent No. 183/DEL/ 91 Filed on 08-3-1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

9 Claims

A process of producing a functionalized derivative of an elastomeric block polymer having at least one block of an at least predominantly polymerized alkenyl aromatic compound and at least one block of an at least predominantly polymerized conjugated alkadiene, selectively hydrogenated in the aliphatic portion thereof, by the sequential steps of metallation, carboxylation and acidification in a known manner, characterised by contacting the resulting carboxylic acid-functionalized, selectively hydrogenated block polymer with ammonia, and heating the resulting product to a temperature at least 180°C.

(Complete Specification 23 pages Drawings sheets NiL)

Ind. Cl. : 144A 180332

Int. Cl[4] : H0/J 13/00, C08J 7/00

AN AQUEOUSLY DEVELOPABLE, NEGATIVE WORKING, ELECTROPHORETICALLY DEPOSITABLE AND PHOTOCURABLE COATING COMPOSITION FOR USE IN MANUFACTURE OF PRINTED CIRCUIT BOARDS.

Applicant : BASF LACKE+FARBEN AKTIENGESELLSCHAFT maz- WINKEL MANNSTRABE 80, 4400 MUNSTER, FEDERAL REPUBLIC OF GERMANY.

Inventor : HORST HINTZE BRUNING , STEPHAN SCHUNCK BERND-RUDIGER VOLKMANN MONIKA GOPPE-HOFFLER

Kind of Application : Complete.

Application For Patent. No. 193/Del/91 Filed on 11-3-91.

Appropriate office for opposition proceedings (Rule 4 Patent Rule 1972) Patent Office Branch New Delhi-5.

6 Claims

An aqueoulsy developable, negetive-working, electrophoretically depositable and photocurable coating composition for use in the manufacture of printed circuit boards which contains :

(A)+35 to 85% by weight of at least one ethylenically unsaturated water-dispersible or water-soluble polymer of the kind described hereinbefore and having a double-bond equivalent of 1,500 to 10,000 and also a content of anion—or cation—forming groups of 0.5 to 5.0 milliequivalents/g.

(B) —1 to 10% by weigat of at least one photo-initiator of the kind described herein before, and optionally,

(C)—up to 60% by weight of at least one ethlenically unsaturated monomer optionally upto of the kind described herein before,

(D)—upto 10 % by weight of auxiliaries and additives of the kind described hereinbefore,

(E)—An organic solvent of the kind described hereinbefore dispersed in water.

The sum of the proportions by weight of the components A to D always being 100% by weight.

(Complete Specification 49 pages Drawings sheets Nil)

Ind. Cl. : 144A 180333

Int. Cl. : C23C 2/04

A PROCESS FOR PRODUCING AN ANTICORROSIVE MATERIAL BY REACTION OF A TRIVALENT METAL COMPOUND. Applicant : ALBRIGHT & WILSON UK LIMITED, formerly known as ALBRIGHT & WILSON LIMITED, a British company, of 210-222 Hagley Road West, Oldbury, Warley, West Midlands, England.

Inventor : JOHN RICHERD COLLIER. KENNETH URMSTON HOLKER.

Kind of Application : Complete.

Application for Patent No. 204/Del./91 Filed on 14-03-91.

Ante Dated to 23-12-87

Divisional to Patent No. 1120/Del./87 filed on 23-12-87

Appropriate office for opposition proceedings (Rule-4 Patents Rules 1972) Patent office Branch, New Delhi-110005.

8 Claims

A process for producing an anticorrosive meterial by reaction of a trivalent metal compound of the kind such as herein described in which the metal is iron, aluminium, or chromium or a mixture thereof, and silica of fine particle size or a precursor thereof or a slicate, the silicon to trivalent metal atom ratio being 0.2-30 : 1., recovering in any known manner the reaction product and washing up with water to substantially remove water-soluble by-products of the reaction.

(Complete Specification 8 Pages Drawings sheets Nil)

Ind. Cl. : 188 180334

Int. Cl⁴ : C 23 C2 /12

AN ELECTROLESS PROCESS FOR THE DEPOSITION OF THICK, AN ELECTROLESS CU/NI/AU FILM ON A FERRITE ROD. Applicant : THE CHIEF CONTROLLED RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW-DELHI INDIA.

Inventor : SH. LAXMINARAYAN GANAPA BHATGADDE, IN

Kind of Application : Complete.

Application for Patent No. 210/Del /91 Filed on Date 15-3-91

Appropriate office for opposition proceedings (Rule 4 Patent Rules, 172) Patent Ofiice Branch, New-Delhi-110005.

6 Claims

An electroless process for the deposition of thick Cu/Ni/Au film on a ferrite rod comprising preparing electroless baths of said Cu/Ni/Au, cleaning a ferrite rod and dipping said rod into an electroless copper bath as herein described so as to apply a first film of copper, sunjecting said copper plated rod to the step of heating at 240±5°C for about one hour, said heated rod being sunjected to the step of etching in the manner as herein described coated rod in a hot 95 to 98°C electroless nickel bath for applying a second film of nickel and then finally dipping the rod in an electroless gold bath as herein described for applying a third film of gold thereon followed by heating at the temperatured of 240±5°C.

(Comp. Specn. 9 pages Drwgs. sheets-Nil)

Ind, Cl : 70C-4 180335

Int. Cl.⁴: C 25 D 3/12

A PROCESS FOR DEPOSITING THIN FILM OF NICKEL ON ALUMINA AND OTHER CERAMICS SUBSTRATES,

Applicant: THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW DELHI (INDIA),

Inventor: BHATGADDE LAXMINARAYAN GANAPPA, IN

Kind of Application: COMPLETE,

Application for Patent No, 211/Del/91 filed on Date 15-3-91,

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005,

(Claims 5)

This invention relates to a process for preparing a nickel deposited alumina and other ceramic substrates. The process comprises cleaning the substrate and then introducing the cleaned substrate in an electroless bath at a temperature of 90 to 93°C till a film of nickel is formed on said substrate so as to the said nickel deposited substrate. Specifically according to this inveption the bath comprises a soluble nickel salt solution is mixed with a solution of hydrazine hydrate and distilled water in the ratio of 1:1:8:3:2.

(Complete Specification 11 Pages; Drawing Sheets NIL)

Ind, Cl,: 27 H 180336

Int, Cl,⁶: E 04 B 1/38

A JOINT FOR JOINTING AT LEAST TWO STRUTURAL MEMBERS

Applicant: GROUNG ENGINEERING CO. (PVT.) LTD, OF 1, KAUSHALYA PARK (2nd FLOOR) HAUZ KHAS, NEW DELHI-110016 IN,

Inventor: KUNWAR GIRIRAJ SINGH JAIN IN,

Kind of Application: COMPLETE,

Application for Patent No. 212/Del/91 filed on Date 15-3-91,

Appropriate office for opposition proceeding (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

(Claims 4)

A joint for jointing of at least two structural members comprising similar surfaces at the ends of said structural members so as to be fitted with each other characterised in that at least one passage/hole being provided in the ends of said members in an offset relationship to each other, a jointing adapted to be driven into said passage/hole such that said two elements press against each other and produce a precompression zone at the joint zone of said element.

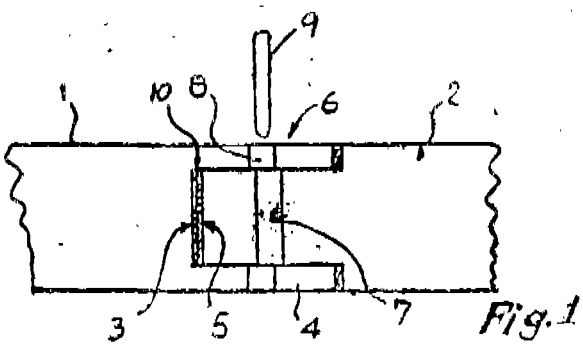


Fig. 1

(Complete Specification 8 Pages Drawing Sheets-1,)

Ind. Cl⁴: 10B 180337

Int. Cl⁴: C 06 C 5/04

LOW ENERGY FUSE

Applicant: IMPERIAL CHEMICAL INDUSTRIES PLC, A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventor: ALAN HAMILTON NOBLE (SCOTLAND)
DAVID PROVEN SUTTON (SCOTLAND)

Kind of Application: COMPLETE

Application for Patent No, 213/Del/91 filed on Date 14-4-97,

Conventional Date	Number	Country
15-3-90	9005841.3	GB
17-12-90	9027242.8	GB

Appropriate office for opposition proceeding (Rule 4 patent Rules 1972) Patent Office Branch, New Delhi-110005,

(Claims 7)

A low energy fuse comprising tubing having a coating of a reactive composition on the inner wall thereof for propagating a shock wave along the tubing, the reactive coating being substantially free of a metal or quasi metal fuel and containing a particulat secondary high explosive and a gas generating non-explosive particulate solid in intimate admixture therewith, the gas generating solid being material that decompose thermally at a temperature below 1000 and 1 atmosphere pressure.

(Complete Specification 10 Pages Drawing Sheets : Nil)'

Ind. Cl,: 87A, 128G 180338

Int. Cl⁴, A 61 J, 3/07

RESERVOIR ATTACHMENT FOR A LUNG EXERCISER·

Applicant: SMT. PATASI DEVI W/O SH, RAMESHWAR SINGH, C-86 SHASTRI NAGAR JAIPUR-302006,

Inventor: VIRENDRA SINGH, IN.

Kind of Application: COMPLETE.

Application For Patent No, 248/Del/91 filed on Date 25-3-91,

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 2)

A reservoir attachment to a lung exerciser comprising of a reservoir for retaining mixture of air and bronchodilator durg, the reservoir is connected to connecting chamber provided with two one-way valves, the first valve between reservoir and connecting chamber and second in the connecting chamber, the said first valve allows passage of air from reservoir to connecting chamber to outside in the atmosphere the said reservoir is having a connecting tube which connects connecting chamber to lung exerciser, the said connecting tube is designed by conventional methods in such a way that it produces as musical sound during breathing to have a relating effect.

(Complete Specification 6 Pages Drawing Sheets:1.)

Ind. Cl,: 84B 180339

Int. Cl,: C10 M 101/00

"ENGINE FUEL COMPOSITION".

Applicant & Inventor: THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Kind of Application: COMPLETE.

Application for Patent No. 0249/Del/91 filed on dated 25-3-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(Claims 20)

Lubricating oils which are utilized in two-stroke engines sometimes produce clogging (gelation) in fuel filters. The gelling is particularly pronounced when an alkali metal or alkaline earth metal containing composition is present in the lubricating oil or the fuel. The present invention deals with this particular problem by introducing a hydrocarbon-soluble or dispersible polycarboxylic acid to the fuel and oil mixture.

Ref. No. : U.S.A. 3169, 980, 4,740,321

Agent: REMFRY & SAGAR NEW DELHI

(Complete Specification 72 Pages; Drawing NIL Sheets).

Ind. Cl.: 71F 180340

Int. Cl.4: E 0 2D

APPARATUS TO BE INSERTED INTO A BORE FORMED IN A STRUCTURE FOR CAUSING SECUREMENT IN SAID STRUCTURE.

Applicant: INGERSOLL-RAND COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW JERSEY, UNITED STATE OF AMERICA, OF 200 CHESTNUT RIDGE ROAD, WOODCLIFF LAKE, NEW JERSEY, UNITED STATE OF AMERICA.

Inventor: CLLFFORD ALLAN MCCARTNEY US.

Kind of Application: COMPLETE.

Application for Patent No. 219/Del/91 filed on dated 4-4-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(Claims 5)

An apparatus to be inserted into a bore formed in a structure for causing securement in said structure, comprising:

a first sleeve (12) having an aperture (20)

a rod means (1) for insertion into said aperture (20)

a coupling means(24) having a second sleeve coaxial with said first sleeve (12) and interacting between said rodmeans and said first sleeve for maintaining said rod substantially in axial alignment with the aperture prior to insertion of the sleeve (12) into the bore.

Reference: NIL.

Agent: REMFRY & SAGAR

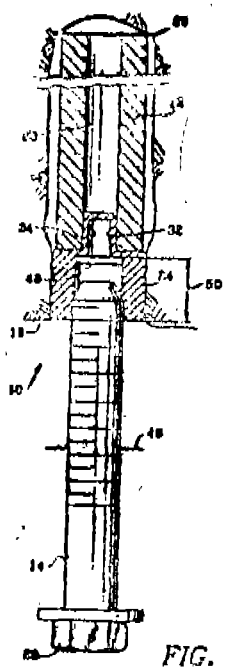


FIG. 1

(Complete Specification 10 Pages; Drawing Sheets 2).

Ind. Cl.: 32E 180341

Int. Cl.: C 08F 110/00

"PROCESS FOR PREPARING A PREPOLYMER OF ONE OR MORE C_2-C_{12} ALPHA OLEFINS",

Applicant: BP CHEMICALS LIMITED, A BRITISH COMPANY, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SWIW OSU, ENGLAND.

Inventor: ERICK DAIRE, FRANCE
JOHN GABRIEL SPEAKMAN, ENGLAND.

Kind of Application: COMPLETE

Application for Patent No. 232/Del/91 filed on Dated 4-4-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(Claims 5)

A process for preparing prepolymer of one or more C_2-C_{12} alphaolefins which is catalytically active in an alphaolefin (co-) polymerization, the prepolymer consisting of particles with a mass-mean diameter ranging from 50 to 500 microns and comprising from 0.002 to 10 milligram atoms of at least one transition metal belonging to one of Groups IV, V or VI of the periodic Classification of the elements per gram of prepolymer, an antistatic agent of the kind such as hereinbefore described and at least one organometallic compound of a metal of Group II or III of Periodic Classification in an atomic ratio of the metal (s) of the organometallic compound(s) to the transition metal(s) of 0.01 to 100, wherein the said antistatic agent is brought into contact with (a) a catalyst of the kind hereinbefore described based on at least one transition metal belonging to one of the Groups, IV, V, or VI of the Periodic Classification of elements and

(b) at least one organometallic compound of a metal of Group II or III of the Periodic Classification, before and/or during a prepolymerization and/or with the prepolymer after the prepolymerisation but before the introduction of the prepolymer into a gas phase polymerisation medium the said catalyst is brought into contact with at least one C_2-C_{12} alpha-olefin and and with the said organometallic compound in a quantity of from 0.01 to 100 moles of the said organometallic compound per gram atom of the transition metal of the said catalyst, the prepolymerisation being carried out at a pressure of between 0.1 to 500g of prepolymer are obtained per milligram atom of the transition metal of the said catalyst and the total quantity of antistatic agent used is from 0.1 to 200g per gram atom of transition metal present in the catalyst of the prepolymer.

Ref. No. : EP-0232701
EP-229368

Agent: REMFRY & SAGAR NEW DELHI.

(Complete Specification 29 Pages; Drawing NIL Sheets)

Ind. Cl.: 98I 180342

Int. Cl.: Ho2 N 6/00

"A PROCESS FOR THE SURFACE TREATMENT OF SILICON SOLAR CELLS TO ENHANCE THE PERFORMANCE".

Applicant & Inventor: CHIEF CONTROLLER RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW DELHI.

Kind of Application: COMPLETE.

Application for Patent No. 289/Del/91 filed on dated 5-4-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(Claims 6)

A method of increasing the Isc of PN junction solar cell which comprises in depositing an hydrogenated amorphous silicon or microcrystalline Si films by using RF in a capacitive or indirective mode at a temperature from room temperature to 300°C.

Ref. No. NIL.

Agent: L.S. DAVAR NEW DELHI.

(Complete Specification 9 Pages, Drawing 2 Sheets)

Int. Cl.4: CO 4 B 33/32 180343

Ind. Cl.: .25 D

A DEVICE FOR PRODUCTION OF BRICKS.

Applicant: RAJINDER SINGH CHEEMA, AN INDIAN NATIONAL OF CHEEMA ENGINEERING SERVICES, FIRST FLOOR, HIMALAYAN PACKAGING INDUSTRIES, BAZPUR-262401, NAINITAL UTTAR PRADESH INDIA.

Inventor: HARJINDER SINGH CHEEMA IN.

Kind of Application: CEMPLETE.

Application for Patent No. 290/Del/91 Filed on dated 5-4-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005,

(Claims 5)

A device for the production of bricks comprising an elongate housing having a heating zone and a cooling zone provided therein an inlet provided at one end of said housing for the introduction of the green bricks stacked in the trolleys adapted to travel on a pair of rails extending from the inlet end to the outlet end provided at the other end of said housing for the discharge of the trolley, a furnace having a force draft fan provided outwardly of said housing between said inlet outlet ends such that to direct the flame into said housing towards the inlet end; and an induced draft fan being provided at the inlet end of said housing for ensuring the direction of flame towards the inlet end, a force draft being provided at the outlet end of said housing for causing cooling of said bricks.

Reference: NIL.

Agent: HARJINDER SINGH CHEEMA.

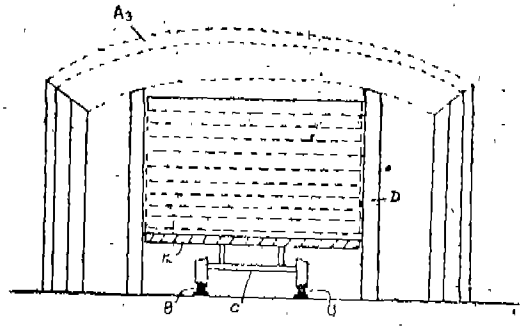


Fig. 2

(Complete Specification 10 Pages; Drawing Sheets-1)

Ind. Cl.: 85G 180344

Int. Cl.: H05 B 6/04

"DIRECT-CURRENT ELECTRIC FURNACE".

Applicant & Inventor: CLECIM, A FRENCH COMPANY, OF 10, AVENUE DE 1'ENTREPRISE, 95854 CERGY PONTOISE, FRANCE.

Kind of Application: COMPLETE.

Application for Patent No. 0297/Del/91 filed on dated 9-4-91.

Appopriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

(Claims 6)

Direct-current electric furnace comprising:

—a vessel (1) consisting of a bottom (11) surrounded by a side wall (12) and provided with a removable cover in the form of an arch (13), the said vessel (1), being symmetrical with respect to a vertical median plane P 1,

—cansumable electrodes (2) each of said electrodes mounted so as to be vertically movable at the end of a supporting arm (17) extending above the arch (13) and passing through the letter in order to penetrate the vessel,

—fixed electrodes (3) passing through the bottom (11),

—a source of direct current (4) comprising two poles, negative (41) and positive (42) respectively, connected by conductors (23, 5), one to the consumable electrodes (2) and the other to the fixed electrodes (3),

—means for charging into the vessel (1) a metallic raw material for the melting thereof by production of electric arcs,

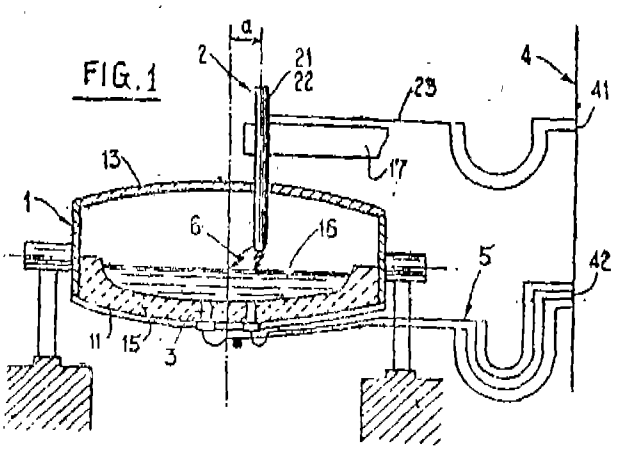
—the condcutors (23) connected to consumable electrodes (2) passing along the supporting arms (17) and the conductors (5) connected to the fixed electrodes (3) passing along the lower face of the bottom (11) and, being directed along paths determined for each fixed electrode (3) as a function of magnetic influences of the various parts of the installation,

characterised in that it comprises two consumable electrodes (21, 22) separated from one another and both offset laterally on the side of the median plane P1 of the vessel (1) facing the source of current (4), and at least four fixed electrodes distributed on either side of the median plane and arranged substantially at the vertices of a regular polygon which is symmetrical with respect to the median plane and is placed between the vertical projections of the consumable electrodes, the conductors of the electrodes placed on the side of the source being directed directly towards the latter, parallel to the conductors of the consumable electrodes, and the conductors of the electrodes placed on the side opposite the source each comprising a first branch passing round the vertical projection of the corresponding consumable electrode and a second branch directed towards the source parallel to the conductors connected to the consumable electrodes,

Ref. No.: FRENCH PATENT 86/11215-01/08/86 FR 86/11215.

Agent: REMFRY & SAGAR.

FIG. 1



(Complete Specification 17 Pages; Drawing 6 Sheets)

Ind. Cl. : 170 D 180345

Int. Cl.- : C 11 D 17/08

SYNERGISTIC LIQUID DETERGENT COMPOSITION.

Applicant : ALBRIGHT & WILSON U.K. LTD. FORMERLY KNOWN AS ALBRIGHT & WILSON LTD. A BRITISH COMPANY OF P.O. BOX 3, 210-222 HAGLEY ROAD, U.K. WEST, OLDBURY, WARLFYM WEST MIDLANDS B68 ONN England.

Inventor : JOHN HAWINS ENGLAND
EDWARD TUNSTALL MESSNGER ENGLAND
ROBERT HODGES ENGLAND
WILLIAM JOHN NICHOLSON ENGLAND

Kind of Application : Complete

Application Patent No. 300/Del/91 filed on dated 9-4-91.

Convention date : 10-4-1990/9008120.9/UK 13-3-1991/9105788,5/UK

Appropriate office for opposition proceeding (Rule 4, Patent, Rules, 1972) Patens Office Branch, New Delhi-110005.

(Claims-19)

A synergistic liquid detergent composition comprising (a) water (b) from 30% to 55% of total surfactants of the kind such as herein before described based on the total weight of surfactant and water together with (c) at least 2% by weight of dissolved surfactant-desolubilising electrolyte, but below the saturation concentration of said electrolyte, at 0°C and below the concentration at which surfactant salt of solution out and causes to give turbidity and/or phase separation of the kind such as herein before described so as to form a newtonian mobile liquid of said synergistic liquid detergent composition which exhibits a neutron scattering and/or X-ray diffraction peak between 4 and 10 nm.

Reference : NIL

Agent : REMFRY & SAGAR

(Complete Specification 36 pages Drawing steets 18)

Ind. Cl. : 189 180346

Int. Cl. : A 61 L 15/04

"AN ABSORBENT PAD"

Applicant : THE PROCTER & GAMBLE COMPANY, A Corporation Organized and Existing under the Laws of State of Ohio, United States Ohio, United States of America, of one Procter & Gamble Plaza, Cincinnati, State of Ohio 45202, United States of America.

Inventors : DONALD CARROLL ROE, US
FRANK HENRY LAHRMAN, US
CHARLES JOHN BERG, US

Kind of Application : Complete.

Application for Patent No. 312/D/91 Filed on Date 11-4-91.

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patent Office Branch New Delhi-110005

(Claims 13)

An absorbent pad cmmprising fiber material and a particulate, absorbent polymeric composition including interparticle cross-linked aggregates having (i) precursor particles of substantially water insoluble, absorbent, hydrogel capable of forming polymer material and (ii) an interparticle crosslinking agent wherein said interparticle crosslinked aggregates being present in polymeric composition in an amount such that said polymeric composition has a mass average particle size at least 25% greater than the mass average particle size of said precursor particles

Ref. No. : Reference has been made to US Patent No. 3699103, 3670731.

Agent : LALL LAHIRI & SALHOTRA

(Complete Specification 103 Pages Drawing 12 Sheets).

Ind. Cl. : 122 180347

Int. Cl. : H01L 41/12

"A DEVICE FOR AUTOMATICALLY ALIGNING PROXIMAL EDGES OF ATLEAST TWO APPRECIABLY MAGNETIC SHEETS TO BE CONNECTED ALONG SAID PROXIMAL EDGES'

Applicant : ARMCO STEEL COMPANY, L P, of 703 Curtis Street, Middletown, Ohio 45043, United States of America, A U.S. Company,

Inventor : GARG LOUIS NEIHEISEL, U.S.A.
DAVID CHARLES MCGRAW, U.S.A.

Kind of Application : Complete.

Application for Patent No. 317/DEL/91 Filed on Date 12-4-91.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972) Patent Office Branch New Delhi-110005,

(Claims 14)

There is provided a method and device for automatically aligning the proximal edges of two or more appreciably magnetic sheets to be connected along abutting edges. The device preferably includes supports to align the magnetic sheets in substantially planer relationship aligned relative one another with their proximal edges oriented in approximately abutting relationship and generally aligned along a predetermined continguous seam line. At least one of the sheets is to remain moveable on the supports relative to the other sheets. The alignment device further preferably includes an electromagnetic mechanism for simultaneously creating an effective north pole along the proximal edge of one of the supported sheets, and an effective south pole along the confronting proximal edge of the other sheet. These opposing poles cause a magnetic attraction between the proximal edges of the proximal edges sheets which automatically pulls and aligns the proximal edges into intimate contact along their length. Once aligned in intimate contact, it is preferred that all of these sheets be restrained from further movement so that optimal welding procedures can be completed.

Ref. No. ; Reference has been made to U.S. Patent No. 4623777.

Agent ; Remfry & Sagar New Delhi.

(Complete Specification 29 Pages Drawing 2 Sheets.)

Ind. Cl. : 84B 180348

Int. Cl. : C 10 L 1/10

FUEL OIL COMPOSITIONS

Applicants : EXXON CHEMICAL PATENTS, INC., a Corporation organised and existing under the laws of the state of Delaware, United States of America, 200 Park Avenue, Florham Park, New Jersey 07932, United States of America.

Inventors : MICHAEL DAVID SEXTON, ANTHONY KITSON SMITH AND ANTONIO GUTIERREZ.

Kind of Application : Complete.

Application for Patent No. 318/DEL/91. Filed on Date 12-04-91.

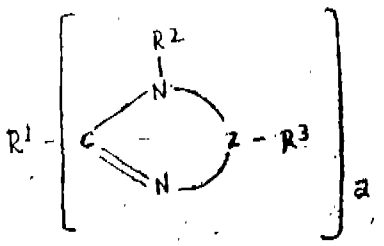
Convention No. 90.08346.0 Date 12-4-90 Country U.K

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 15)

A fuel oil composition comprising a fuel oil, from 0.0005 to 1% by weight of said fuel, cetane improver, and from 0.0005 to 20% based on the weight of said

fuel and oil soluble polyamine compound selected from the compounds of formulae



(I)

and

$R^6R^4NR^5(CR^{16}R^{17})_n\ [NR^4R5]NR^4R^4$ (II)

or mixtures of two or more such compounds, wherein R^1, R^2 and R^3 may be the same or different and are independently hydrogen or hydrocarbyl or a hydrocarbyl substituent having from 2 to 600 carbon atoms, or a keto, halo hydroxy, nitro, cyano, or alkoxy derivative thereof, provided that at least one of R^1, R^2 and R^3 is a hydrocarbyl substituent having from 2 to 600 carbon atoms or said derivative thereof, or wherein R1 and R2 together form a hydrocarbylene substituent having 4 to 600 carbon atoms or a keto, halo, hydroxy, nitro, cyano or alkoxy derivative thereof, provided that R^1 and R^2 togehter with the carbon atom which forms the C-R^2 bond with R^1 and the nitrogen atom which forms the N-R^2 bond with R^2 form a ring having at least 5 members, wherein Z represents

$-R^{10}\ [NR^{11}\ (R^{10})_c$

or

$[R^{10}R^{11}\ N]_d\ R^{10}\ [NR^{11}R^{10}]_e$

wherein each R^{10}, which may be the same or different, represent an alkylene group having from 1 to 5 carbon atoms in its chain,. each R^{11}, which may be the same or different, represents a hydrogen atom or a hydrocarbyl group, and c is from 0 to 6, d is from 1 to 4, e is from 1 to 4, provided that d+e is at most 5, each R^4 is independently H or an alkyl group having up to 5 carbon atoms, R^5 is an alkylene group having up to 6 carbon atoms in the chain, optionally substituted by one or more hydrocarbyl groups having up to 10 carbon atoms, an acyl group having up to 10 carbon atoms, an acyl group having from 2 to 10 carbon atoms, or a keto, halo, hydroxy, nitro, cyano or alkoxy derivative of a hydrocarbyl group having from 1 to 10 carbon atoms or of an acyl group having from 2 to 10 carbon atoms, R^6 is a hydrocarbyl substituent having from 2 to 600 carbon atoms or said derivative thereof, a is from 1 to 150, and b is from 0 to 12, or a posttreatment derivative of such a compound, R^{16} and R^{17} are independently hydrogen, a hydrocarbyl group having from 1 to 10 carbon atoms, an acyl group having from 2 to 10 carbon atoms, or a monoketo, monohydroxy, monomito, monocyano or alkoxy derivative of a hydrocarbyl group being from 1 to 10 carbon atoms or of an acyl group having from 2 to 10 carbon atoms and n is from 1 to 6.

Reference No. : Reference has been made to US Patent No. 4637886.

Agent : Remfry & Sagar New Delhi.

(Complete Specification 33 Pages Drwgs. Nil Sheets)

Int. Cl.[4] : H 01 H 33/00 180349

Ind. Cl. : 69 N

A MEDIUM TENSION CIRCUIT BREAKER

Applicant : GES ALSTHOM S.A., a French company of 38, Avenue Kleber, 75116 paris, France.

Inventor : DENIS DUFOURNET FR.
MICHEL PERRET FR.

Kind of Application : Complete.

Application for Patent No. 325 Del 91 Filed on Date 15-4-91.

Appropriate office for opposition proceeding (Rule 4 Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 8)

A medium tension circuit breaker comprising a gastigh insulating case filled with a gas having good dielectric properties, a semi-fixed arcing contact electrically connected to a first terminal and a moving contact mechanically connected to a drive mechanism and electrically connected to a second terminal, said semi-fixed arcing contact being connected to a piston movable in a blast volume delimited in particular by the inside wall of an insulating cylinder which is inside said case and by a first face of a blast nozzle, said piston receiving thrust from a spring in which energy is stored when the circuit-breaker is in the engaged position, said circuit-breaker having a thermal expansion volume delimited in particular by the inside wall of said cylinder, by a second face of nozzle, and by a transverse partition through which the moving contact slides, piston motion prevention means being provided so that, when interrupting high currents, once the piston has completed its stroke in the direction of compression of the balst volume, said

piston is prevented from moving back in the opposite direction.

Reference : EP-A-0315505

Agent : Remfry & Sagar.

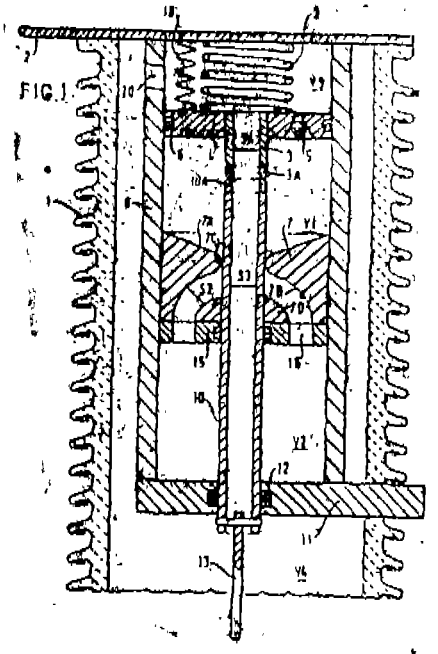


FIG.1

Complete Specification : 10 Pages Drawings Sheets-4

Ind. Cl. : 40 F 180350

Int. Cl. : C 07 C 7/10

"A CONVERTER FOR CATALYTIC CONVERSION OF HYDROCARBONS".

Applicant : COMPAGNIE FRANÇAISE D' ETUDES ET DE CONSTRUCTION TECHNIP, A French Body Corporate, of Tour Technip, La Defence 6, 170 Place Henri Regnault, 92400 Courbevoie, France.

Inventor : CHUBUKOV VLADIMIR KAZIMIROVICH, U.S.S.R.
SOSNA MIKAIL HAIMOVICH, U.S.S.R.
SEMENOV VLADIMIR PETROVICH, U.S.S.R.
HALRAMOV VALENTIN VASILEVICH, U.S.S.R.
GAVRILIN VLADIMIR PETROVICH, U.S.S.R.
KTOTOV LEONID YVANOVICH U.S.S.R.
ZATS BORIS SEMENOVICH, U.S.S.R.
ZINGER ISAAK MOISEEVICH, U.S.S.R.
BONDAR ISAAK EFIMOVICH, U.S.S.R.
JAKUSHEVA GALINA NIKOLAEVNA, U.S.S.R.
NIKOLOVA LIDYA ZAHAROVNA U.S.S.R.
EFANKIN VLADIMIR FEDOSEEVICH, U.S.S.R.
KISELEV GENNADII FEDOROVICH, U.S.S.R.

Kind of Application : Complete.

Applicant for Patent No. 327/D/91 Filed on Date 15-4-91.

Appropriate office for opposition proceedings (Rule 4 Patents Rules 1972) Patents Office Branch New Delhi-110005.

(Claims 3)

A converter for catalytic conversion hydrocarbons comprising a cylindrical vessel and inside of said vessel :

—rising columns (4) for the discharge of gases,

—reaction tubes (2) grouped around the rising columns, (4)

—sheaths (3) disposed coaxially to the reaction tubes (2) and surrounding said reaction tubes, (2)

—"pig tails" (9) connecting the lower end of each one of the reaction tubes (2) of each group to the lower end of the corresponding rising column, (4)

—a transverse partition (11) freely attached to the lower ends of at least three of said sheaths, (3) said partition (11) having orifices for the free passage of the reaction tubes (2) and of said rising columns, (4) and

—inlet means (12) for feeding said reaction tubes (2), with gas, outlet means (14) for the discharge of the gases from the rising columns (4) and further means (13) for passing a heat-carrying fluid between said tubes (2) and said sheaths (3) characterized by plates (7) provided at the lower ends of the rising columns, (4) remoable covers (8) on said plates (7) and in that the connection beteeen the "pig tails" (9) and the corresponding rising columns (4) are effected on the plates (7) of the latter whereas a catalyst may be provided within the vertical reaction tubes (2).

Ref. No. : NIL

Agent : Remfry & Sagar, New Delhi.

(Complete Specification 7 Pages Drawings 2 Sheets).

Ind. Cl. : 32E 180351

Int. Cl.[4] : B 01 J 21/00

"A PROCESS FOR THE PREPARATION OF A CATALYST FOR USE IN THE PREPARATION OF POLYOLEFINS"

Applicant : B.P. CHEMICALS LIMITED, a British company, of Belgrave House, 76 Buckingham Palace Road, London SW1W OSU, England,

Inventors : JEAN-CLAUDE ANDRE BAILLY, CHRISTINE JACQUELINE CHABRAND, FRANCE

Kind of Application : Complete.

Application for Patent No. 1251/DEL/90 filed on 12-12-1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(CLAIMS—5)

A process for preparing a solid catalyst, suitable for heterogeneous process for polymerising one or more olefins, by contacting a zirocnium metallocene with a magnesium chloride support said process comprising ;

(1) a first stage, wherein a solid support (A) containing from 80 to 99.5 mol% of magnesium dichloride and from 0.5 to 20 mol% of at least one organic electron-donor compound, D1, free from labile hydrogen, the solid support (A) being in the form of spheroidal particles with a mass-average diameter, Dm, of 10 to 100 microns and a particle size distribution, such that the ratio of Dm to the number-average diameter, Dn of the particles is not higher than 3, is brought into contact with at least one electron-donor compound, D2, containing labile hydrogen.

(2) then, a second stage, wherein the support resulting from the first stage is brought into contact with zierconium metallocene (B) optionally with an organoaluminium compound (C), preferably an aluminoxane.

Ref. ; US-4659685

Agent ; Ramfry & Sagar.

(Complete Specification 26 Pages Drwg Sheet—Nil)

Ind. Cl. ; 32 B 180352

Int. Cl[4] ; C 07 C 2/82

AN IMPROVED PROCESS FOR THE OXIDATIVE CONVERSION OF METHANE TO HIGHER HYDROCARBONS USING RARE EARTH. METAL PROMOTED MGO CATALYSTS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001. India, An Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : VASANT RAMCHANDRA CHOUDHARY,
VILAS HARI RANE,
SOPAN TUKARAM CHAUDHARI & AMARJEET MUNSHI RAM RAJPUT,
ALL CITIZENS OF INDIA.

Kind of Application : Complete.

Application for Patent No. 1268 -DEL/90 Filed on Date 18-12-90.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 9)

An improved process for the oxidative conversion of methane to higher hydrocarbons (C_2 & C_3) which comprises passing continuously a gaseous reactant mixture comprising methane and oxygen (or air) with or without steam over rare earth metal such as La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb or Lu promoted MgO catalysts prepared by the process as herein described in fixed bed reactor at a pressure in the range of 1-50 atm., temperature in the range of 500—1000°C, CH_4/O_2 mol ratio in feed in the range of 1.5—100, and gas hourly space velocity in the range of 1000—5,00,000 cm^3. G^{-1} h^1, separating the water, oxides of carbon and C_2+ hydrocarbons from the product stream by known methods such as herein described, and if required, recycling the unconverted methane and oxygen.

Ref. No. : NIL.

Agent : NIL.

(Complete Specification 21 Pages Drwg Sheet—Nil.)

Ind. Cl. : 40 B & 39 E 180353

Int. Cl[4] : B 01 J 23/00

A PROCESS FOR THE PREPARATION OF CATALYST CONTAINING RARE EARTH AND CALCIUM OXIDES USEFUL FOR OXIDATIVE CONVERSION OF METHANE TO C_2 HYDROCARBONS IN PRESENCE OF FREE OXYGEN.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001. India, an Indian registered body inrorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : VASANT RAMCHANDRA CHOUDHARY, AMARJEET MUNSHI RAM RAJPUT, VILAS HARI RANE & SOPAN TUKARAM CHAUDHARI, ALL CITIZEN OF INDIA

Kind of Application : Complete.

Application for Patent No. : 1270/DEL/90. Filed on date 18-12-90.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 7)

A process for the preparation of catalyst containing rare earth and calcium oxides useful for oxidative conversion of.....methane to C_2 hydrocarbons in presence of free oxygen, which comprises (i) mixing of powdered calcium compound designated by a formula $C_1 X_n$, where X=CO_3, CH_3COO, NO_3 or OHn, =1, when X is CO_3 and n=2 when X is NO_3, CH_3COO and OH, with rare earth compound designated by RY3, where R=La, Sm, Nd, Ce, Pr, Pm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu or a mixture thereof and Y=NO_3 or CH_3COO, in mole ratio of rare earth metal/Ca in the range of 0.005—0.5, in the presence of deionised water, with the water/calcium compound weight ratio in the range of 0.1—5.0. (i) reating the resulting mixture to a temperature in the range of 90—120°C while stirring until formation of a thick paste and then drying it at a temperature of 90—150°C, (iii) heating in presence of air or inert gas at a temperature in the range of 500—1000°C for 0.25—10 hrs. for converting Ca & rare earth compounds to their corresponding oxides. (iv) then calcining at a temperature in the range on 600-1200°C in presence of air or inert gas for about 1—25 hrs. to get the said catalyst.

Ref. No. ; US—4443644, 4443635, 4443646, 4443647 4443648, 4443649, 4499322, 4444984 & 4634800.

Agent ; NIL.

Complete Specification 19 Pages Drwgs — Sheets NIL.

Ind. Cl. : 32 B 180354

Int. Cl[4] : C 07 C 9/02

AN IMPROVED PROCESS FOR THE OXIDATIVE CONVERSION OF METHANE TO HIGHER HYDROCARBONS

Applicant ; COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : VASANT RAMCHANDRA CHOUDHARY, AMARJEET MUNSHI RAM RAJPUT, VILAS HARI RANE & SOPAN TUKARAM CHAUDHARI ALL CITIZENS OF INDIA.

Kind of Application : Complete

Application for Patent No. 1271/DEL/90. Filed on Date 18-12-90.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 12)

An improved process for oxidative conversion of methane to higher hydrocarbons, which comprises passing continuously a gaseous mixture comprising methane and oxygen (or air) with or without steam over a composite catalyst containing oxides of rare earth (viz. La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb or Lu) and calcium prepared by a process as herein described in a fixed bed reactor at a pressure in the range of 1-50 atm., temperature in the range of 500—1000°C, CH_4/O_2 mol ratio in feed in the range of 1.5—100 and gas hourly space velocity in the range of 1000—10,00,000 cm_3. g^{-1}. h^{-1}, separating the water, oxides of carbon and C_2—hydrocarbons from the product stream by known methods such as herein described, and if required, recycling the unconverted methane and oxygen.

Ref. No. : NIL.

Agent : NIL.

Complete Specification 20 Pages—Drwgs. Sheets

Ind. Cl. : 80 B 180355

Int. Cl. 4 : B 01 D 33/00

Title : "A CENTRE SUPPORT FOR USE IN A FILTER INSERT"

Applicant : PUROLATOR INDIA LIMITED, of 1 Sri Aurbindo Mvrg, New Delhi-110016, India an Indian Company.

Inventors : SUNIL KAUL

Kind of Application : COMPLETE

Application for Patent No. 1292/DEL/90 filed on 19-12-1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972 Patent Office Branch, NewDelhi-110005.

Claims 4

A centre support for use in a filter insert comprising a non weldable member with two longitudinal arms (159 & 156), a first set of accuate strips (160) being

extended from one of said arms a second set of arcuate strips (166) being provided in an alternate arrangement to that of said first set of strips (160).

Ref. : NIL

Agent : L.S. DAVAR & CO.

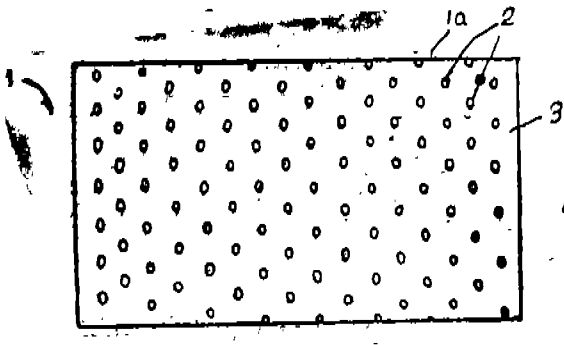


Fig. 1

(Complete Specification 8 Pages; Drawing Sheet Nil)

Ind. Cl. : 83 B 6 180356

Int. Cl. : A 23 C 3/00

"APPARATUS FOR INHIBITING THE GROWTH OF PROTISTA".

Applicant : FOREST SCIENTIFIC RESEARCH LIMITED, a New Zealand Company, of 112 Nelson Street, Petone, NZ.

Inventor : LINDSAY WARREN FORREST, NZ

Kind of Application : CONVENTION COMPLETE

Application for Patent No. 1298/DEL/90 Filed on 19-12-1990.

Convention Date : 19-12-89/231876/NZ.

Appropriate Office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 14

An apparatus for inhibiting the growth of protista by passing media containing the protista through a magnetic field, the apparatus comprising :

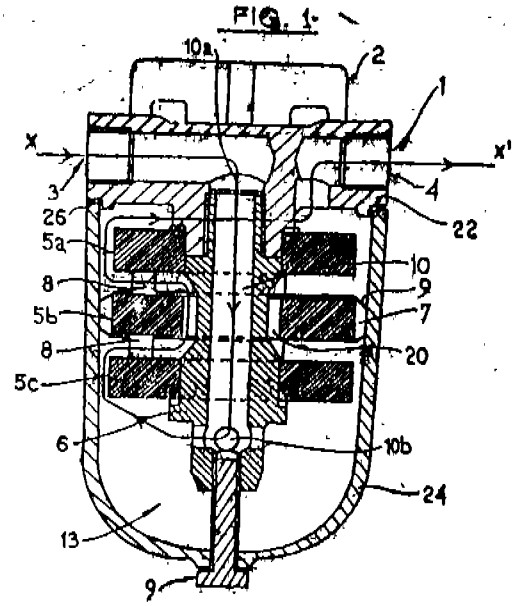
a housing having an inlet and an outlet;

a plurality of aligned, plate like magnets mounted in the housing, each magnet having a maximum field strength of upto 4000 gauss, the magnets being spaced from one another such that the north pole face of one magnet faces the south pole face of an adjacent magnet; and flow direction means to direct flow entering the housing around each magnet in the stack and between each pair of adjacent magnets.

Ref. No. : NIL

Agent : REMFRY & SAGAR

FIG. 1.



(Complete Specification 32 Pages; Drawing 8 Sheets)

Int. Cl.4 : C 08 L, 25/00 180357

Ind. Cl. : 152 F

THERMOPLASTIC COMPOSITIONS HAVING A LOW COMBUSTION RATE AND PROCESS FOR PREPARATION THEREOF.

Applicant : ATOCHEM, a French company, of 4 & 8 Cours Michelet, la Defense 10, 92800 Puteaux, France.

Inventor : RENE WIRTH, FR

Kind of Application : COMPLETE

Application for Patent 1310/DEL/90 Filed on 24-12-1990.

Appropriate office for Opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005

Claims 11

A thermoplastic composition having a low combustion rate comprising;

a) for each 100 parts by weight of an thermoplastic material containing at least one alkenyl aromatic hydrocarbons polymer or copolymer and 0 to 20% by weight of an elastomeric resin of the kind such as hereinbefore described;

b) from 5 to 30 parts by weight of melamine or melamine isocyanurate;

c) from 2 to 10 parts by weight of at least one polyol containing at least 4 hydroxyl functions per molecule; and

d) from 0 to 14 parts by weight of at least one organic easter of phosphoric acid.

and optionally one or more conventional processing and stabilizing ingredients such as hereinbefore described.

Reference : JP A—A-54/85242
JP—A—54/46250

Agent : REMFRY & SAGAR.

(Complete Specification 18 Pages Drawing Sheets - Nil)

Ind. Cl. : 9 B 180358

Int. Cl.[4] : C 22 C 23/02

AN IMPROVED PROCESS FOR THE PRODUCTION OF MAGNESIUM ALLOY INGOT.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001. India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : CHITTUR SUBRAMANIAN SIVARAMAKRISHNAN, RANJIT KUMAR MAHANTI, SAILENDRA CHANDRA DEV & KAUSHAL KISHORE GUPTA, ALL CITIZENS OF INDIA.

Kind of Application: COMPLETE

Application for Patent No. 1323/DEL/90—Filed on date 26-12-90.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 6

An improved process for the production of magnesium alloy ingot which Comprises :

i) Melting magnesium in cast steel pots/mild steel pots in induction/resistance/any other furnance at a emperature in the range of 720—850° C. Sprinkling known flux to prevent burning of magnesium.

ii) adding 5.5 to 6.5% alloying element aluminium to molten magnesium raising temperature in the range of 800—850°C allowing to dissolve, then adding other alloying elements such as 0.15 to 0.4% magnese 0.1% silicon & copper (max) and allowing to dissolve completely and maintaining temperature of molten mass at 800°C.

iii) sprinkling known dry flux consisting of magnesium chloride, calcium flouride, potassium chloride (0.5—1% by weight of charge) over the surface of the ingots in such a way that molten surface is not exposed to atmosphere; from the beginning of their charging to prevent burning of ingots;

iv) adding high vapour pressure clements such as zinc in the range on 0.5 to 1.5% by weight of the charge by mixing the melt thoroughly for homogenization;

v) adding hexachloroethane pellets for degassing, in the range of 0.1 to 0.5% by weight of charge at plunging by a perforated mild steel plunger in the conventional way at a temperature range of 720—730°C for degassing/refining the melt;

vi) removing the scum from the melt surface and adding dehydrated ferric chloride in the range of 0.05 to 0.1% for grain refinement;

vii) pouring the melt without turbulence into chilled bottom water cooled moulds, coated with lime and sprinkling of sulphur during pouring to prevent burning;

viii) cooling homogenising and machining in conventional way; to get magnesium alloy ingots;

ix) dipping the homogenized and machined ingot 3—10% chromic acid solution to protect the surface from corrosion during storage.

(Comp. Spcn. 10 Pages Drgns, Nil)

Int. Cl. : 19 I 180359

Ind. Cl. : G 06 C 11/04

A PRINTHEAD FOR A CONTINUOUS INK JET PRINTER.

Applicant : DOMINO PRINTING SCIENCES PLC. A British company of Bar Hill, combridge CB3 8tu, England.

Inventors : JERZY MARCIN GB
ZABA GB
HOWARD JOHN GB

Application Form : COMPLETE

Application for Patent No. 008/Del/91 Filed on Date 07-01-1991.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 6

A printhead for a continuous ink jet printer, comprising :

a body defining an ink feed channel and an end face; a nozzle plate detachably mounted on the end face of said body and having one or more nozzles for ejecting ink under pressure; and

a piezoelectric transducer in said body which expands and contract in the direction of its axis when an excitation voltage is applied thereto; characterized in that said body defines a circular recess in the end face thereof;

said piezoelectric transducer is positioned in said recess so as to provide a short ink chamber adjacent the end face of said body between said piezoelectric transducer and said nozzle plate; and

said ink feed channel connects with the link chamber for feeding ink thereof.

Ref. No. : European Patent EP-B-0482123

Agent : Remfry and Sagar

(Complete Specification 6 Pages and 5 Drawing Sheets).

Ind. Cl. : 32 E 180360

Int. Cl.[4] : C 08 F, 2/24

"AQUEOUS EMULSION POLYMERIZATION PROCESS OF A CONJUGATED DIENE AND OPTIONALLY A VINYL SUBSTITUTED AROMATIC COMPOUND"

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. a Netherlands company, of carel van Bylandtlaan 30, 2596 HR, The Hague, The Netherlands.

Inventors : SIJTSKE MINNIE DE VRIES, NL
JOHANNES ARNOLDUS MARIA WILLEM SEN, NL

Kind of Application: CONVENTIONAL—COMPLETE

Application for Patent No. 9/DEL/91 filed on 7-1-1991

Convention date 9-1-90/9000936. 7/UK.

Appropriate office for opposition proceedings (Rule 4 Patents Rules, 1972) Patent Offivce Branch, New Delh-110005.

Claims 18

Aqueous emulsion polymerization process comprising a free radical polymerization of a conjugated diene and optionally a vinyl-substituted aromatic compound of the kind such as herein described, conducted at a temperature of from—20°C to 70°C, using a hydroperoxide as initiator and a conventional redox activator system, comprising a divalent transition metal, a reducing agent and optionally a chelating agent, wherein the polymerization is optionally being carried out in the presence of a modifying agent and wherein the polymerization is stopped by using an alkali metal polysulphide as sole short-stopping agent in an amount of at least 0.01 parts by weight per hundred parts by weight of the total monomers intially charged to the ploymerization system.

Ref. : USP—2602078, 2469017, 2662876, 424277

Agent : REMFRY & SAGAR

(Complete Specification 24 Pages Drawing Sheet Nil).

Ind. Cl. : 40 B 180361

Int. C : B 0 1 j 21/00

: "A PROCESS FOR THE PRAPARATION OF A CATALYST FOR USE IN A CATALYSTIC CONVERTER".

Application & Inventor : NATIONAL RESEARCH DEVELOPMENT CORPORATION, ANUSANDHAN VIKAS, 20—22 ZAMROODUR COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI-110048.

Kind of Application: COMPLETE

Application for Patent No. 14/DEL/91—Filed on date 10-01-1991.

Appropriate office for opposition proceedings Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110048.

Claims 4

A process for the preparation of a catalyst for use in a catalystic converter for treatment of the emissions contained in the exhaust gases of a vehicle comprising impregnation grenulated activated carbon with silver by treating said carbon with silver nitrate solution of 3 to 10% concentration so as the obtain a silver oxide precipitate, adding such a reducing agent as glucose thereto so as to reduce silver oxide to silver on the surface of granulated activated carbon to form a impregnated carbon catalyst and then subjecting impregnated carbon catalyst to the step of drying.

Ref. No. : Nil

Agent : L. S. DAVAR NEW DELHI.ff

(Complet Specification 8 Pages, Drawing NIL Sheets).

Ind. Cl. : 140 A_2 180362

Int. Cl. 4 : C 10M 107/00; 109/00; 111/00.

Title : AN OLEAGINOUS COMPOSITION CONTAINING ETHYLENE ALPHA OLEFIN POLYMER SUBSTITUTED AMINE DISPERSANT ADDITIVE.

Applicant : EXXON CHEMICAL PATENTS INC. A CORPORATION OF DELAWARE, UNITED STATES OF AMERICA, 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : JACOB EMERT (USA); ALAN MARK SCHILOWITZ (USA), ANTONIO GUTIERREZ (USA); WON RYUL SONG (USA).

Kind of Application: COMPLETE.

Application for Patent No. 0029/DEL/91 Filed on Date 15-01-1991.

Approbriateoffic for opposition proceedings (Rule 4 Patent Rules, 1972) Patent Office Branch, New Delhi-110005

(Claims 16)

An oleaginous composition comprising 0.001 to 20 wt % of a dispersant and 20 to 99.999 weight percent of an oleaginous material of the kind described herein before, where in the dispersant comprises an ethylene alpha-olefin polymer substituted with at least one amine compound such as hereinbefore described, said polymer comprising momomer units derived from ethylene, and at least one alpha-olefin of the formula $H_2C{=}CHT$ wherein T is an alkyl group of from 1 to18 carbon atoms, and wherein said polymer has a number average of at least about 30% of said polymer chains contain terminal ethenylidene unsaturation and wherein said additive has a VR^1 value of less than 4.1 and the balance if any, comprising one or more conventional additives of the kind described hereinbefore.

Ref. : USW4152499, 4234435; 4704491; IN—167916.

Agent : REMFRY & SAGAR.

(Complete Specification 82 Pages, Drawing Sheets 'Nil').

Ind. Cl. : 189 180363

Int. Cl.4; B 26B 21/00

A RAZOR BLADE MEMBER.

Applicant; THE GILLETTE COMPANY, UNITED STATES OF AMERICA, OF PRUDENTIAL TOWER BUILDING, BOSTON, MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor ; NICOLAE NEAMTU (USA).

Kind of Application:— COMPLETE.

Application for Patent No. 0035/Del/91 Filed on 16-01-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 12)

A razor blade member comprising a first planar portion a second planar portion which is angularly offset from said first planar portion and a transition bend region interconnecting said first and second planar portions, the longitudinal edge of said first planar portion remote from said transition region being a cutting edge, characterised in that said blade member has deformations along at least a portion of the longitudinal length of said planar portions and adjacent said planar portions and adjacent said transition region.

Reference : Ind. Pat.-577/Del/84-160903.

Agent : Remfry & Sagar.

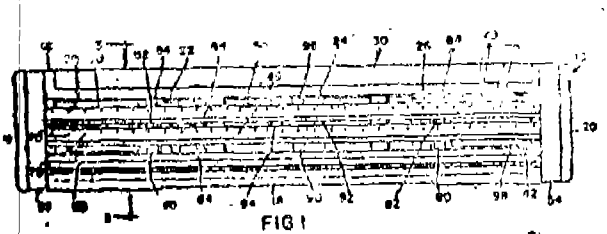


FIG 1

Complete Specification 9 Pages Drawings Shee 1.

Ind. Cl.: 47C 180364

Int. Cl.[4] : C 10C. 3/06

AN IMPROVED PROCESS FOR THE PREPARATION OF COAL TAR PITCH CONTAINING LOW QUINOLINE-INSOLUBLES (QI) IN THE RANGE OF 0.02to 3.5%

Applicants : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG NEW DELHI-110001 INDIA.

Inventors: GOPAL BHATIA, IN RAJENDRA KUMAR AGGARWAL, IN
OM PRAKASH BAHL, IN

Kind of Application: COMPLETE

Application for Patent No. 36/Del/91 Filed on 17-1-91.

Appropriate office for opposition proceedings (Rule 4 Parents Rules, 1972) Patent Office Branch, New Delhi-110005

(Claims-6)

An improved process for the preparation of coa tar pitch containing low quinoline insolubles (QI) in the range of 0.02 to 3.5% which comprises.

(a) mixing coal tar pitch containing quinoline insolubles upto a value of 10% with a non-volatile tar-based solvent such as herein described in the solvent-to-pitch proportion of 3-10,

(b) heating the resultant mixture to a temperature in the range of 120-250°C, in the an inert atmosphere for a period of 2 to 24 hours resulting in the formation of two portions one containg QI upto 3.5% and other portion containing QI more than 3.5%.

(c) separating the hearted mixture into two parts one part containing low QI and the other part containing high QI, by conventional methods, and

(d) distilling the said part containing low QI under partial vacuum at a temperature upto 400°C.

Reference; Reference has been made to Indian Patent No. 172030.

Agent: NIL

Complete Specification 12 Pages, Drawing Sheet. Nil

Ind. Cl : 9B 180365

Int. Cl.[4]: C 22 C. 18/00

AN IMPROVED PROCESS FOR THE PREPARATION OF COPPER AND ALUMINIUM ACTIVATED ZINC CADMIUM SULPHIDE PHOSPHORS FOR USE IN COLOR TELEVISION PICTURE TUBES AS GREEN COMPONENT.

Applicant: COUNCIL OF SCIENTIFIC & NDUS TRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventor: RAVILISETTY PADMANABHA RAO IN, RANGARAJAN JAGANNTHAN IN, KAILATHUVALAPPIL INNIRI VASU, IN

Kind of Application: COMPLETE.

Application for Patent No. 37/Del/91 Filed on 17-1-91.

Appopriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

(Claims 5)

An improved process for the preparation of copper and aluminium activated zinc cadmium sulphide phosphors having the general formula $(Zn_{1-x-y-z}Cd_x)$ S, Cu_y, Al_z) where Zn and Cd are in the preparation of 1-x-y-z-: X when the value representing x ranges from 1-10% and the value of Y&Z ranges from 0.01-0.1% by weight which comprises mixing 99 to 90 parts by weight of zinc sulphide with 1 to 10 parts by weight of cadmium sulphide, adding copper and aluminium in the range of 0.01 to 0.1% by weight of the above mixture in the form of copper slat selected from chloride or sulphate and aluminium slat selected from nitrate of chloride, adding alkali halide flux such as KCl, NaF in the range of 2 to 10% by weight of the above mixture, blending, the mixture and firing at a temperature in the range of 900 to 1100°C for a period of 1-2 hours in the absence of oxygen.

Reference: Nil.

Agent: Nil.

Complete Specification 13 Pages Drawing Sheets-1

Ind. Cl. 6 A 4 180366

Int. Cl.4: A 61M 25/00

A MANUAL THROAT SECRETION SUCTION DEVICE.

Applicant: SAROJ CHOORAMANI GOPAL AN INDIAN NATIONAL OF B-5/F-2 MEERA COLONY BANARAS HINDU UNIVERSITY VARANASI-221005 INDIA.

Inventor: SAROJ CHOORAMANI GOPAL, IN

Kind of Application: Complete.

Application for Patent No. 39/Del/91 Filed on 17-1-91.

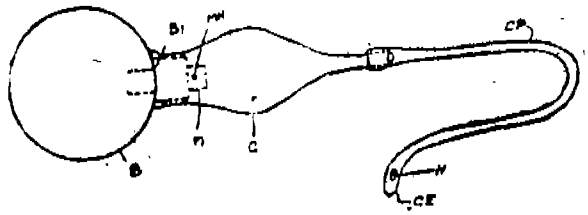
Appopriate office for opposition proceeding (Rule 4 Patent Rules 1972) Patent Office Branch, New Delhi-110005.

(Claims 3)

A manual throat secretion suction device comprising a balloon made of any known flexible material such as rubber and having an inlet therewith characterised in that secretion collector made of any transparent material like glass fitted to said inlet for the collection of throat secretion therein a tubular member fitted in said inlet being provided to allow flow of air into and from said balloon a catheter having a closed end with a hole in the proximity of said closed end and adapted to be kept in the mouth/throat of the patient being connected to said secretion collector.

Reference: Nil

Agent: L.S. Davar & Company.



Complete Specification in 6 Pages Drawing Sheets-1.

Ind. Cl.: 188 180367

Int. Cl.4: C 23C 16/00

A PROCE FOR THE MANUFACTURE OF HIGH PEED CUTTING TOOL COATED WITH MOLYBDENUM DISULPHIDE (MOS_2).

Applicant: BHARAT HEAVY ELECTRICALS LIMITED., BHEEL HOUSE, SIRI FORT, NEW DELHI-110049 an Indian company,

Inventor: SATYA NARAYAN DAGA, IN

Kind of Application: COMPLETE.

Application for Patent No. 410/DEL/91 Filed on Date 13-5-91.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972) Patent Office Branch, New Delhi-110005.

(Claims-2)

A method for the manufacture of high speed cutting tool coated with molybdenum disulphide (MoS_2) as herein described comprising:

(a) removing burrs from the cutting edges of the cutting tools:

(b) cleaning said cutting edges thoroughly and thereafter drying said cutting surface of the cutting tools;

(c) characterised in that said cutting edges being coated by spraying with 2-4 microns thickness of said MoS2 followed by;

(d) curing for 30 minutes at an ambient temperature so as to obtain the MoS2 coated cutting tool.

Reference: Nil.

Agent: L.S. Davor & Company

Complete Specification 23 Pages Drawings Sheets-6

Ind. Cl.: 32E 180368

Int. Cl4: C08L, 23/06

A PROCESS FOR THE PREPARATION OF AN OXIDITIVELY STABILIZED POLYMER COMPOSITION.

Applicant: BP CHEMICALS LIMITED, a British company, of Belgrave House, 76 Buckingham Palace Road, London SW1W OSU, England.

Inventors: NEIL SHEARER DAVIDSON, BRITISH HILDA ADAMS LEIPER, BRITISH, COLLETE ASSUNTA MURRO, BRITISH, KENNETH WILKINSON, BRITISH.

Kind of Application: CONVENTION-COMPLETE.

Application for Patent No. 43/Del/91 filed on 18-1-1991

Convention date 20-1-90/900136337/UK)

Appropriate office for opposition) proceedings Rule 4 Patents Rules, 1972) Patents Office Branch Delhi-110775

Clalms-9

A process for the preparation of an oxidatively stabilized polymer composition essentially comprising an olefin polymer and 0.1 to 100 parts of an antioxidant which is a polymer of dicyclopentadiene and a phenolic compound such as hereinbefore described per hundred parts of olefin polymer comprising reacting said olefin polymer with said antioxidant in the presence of a radical initiator of the kind such as hereinbefore described and in the melt phase, optionally including one or more conventional adjuvants, and one or more organotin compounds selected from the group comprising organotin carboxylate, thioether, oxide or sulphide in a ratio of 0.1 to 1:1 of the antioxidant.

Ref.: GB-1068995

Agefit: Remfry & Sagar

(Complete Specification 22 Pages Drawing Sheet Nil).

Ind. Cl.: 76D 180369

Int. Cl.4: F 163, 2/00, 13/00

PLASTIC ANCHOR

Applicant: MECHANICAL PLASTICS CORPORATION, A Corporation organised under the laws of the State of New York United States of America, Of Castleton Street, Pleasantville, New York 10570, U.S.A.

Inventors: McSHERRY THOMAS WILLAIM USA.

Kind of Application: Complete.

Application for Patent No. 45/Del/91 Filed on 18-1-91.

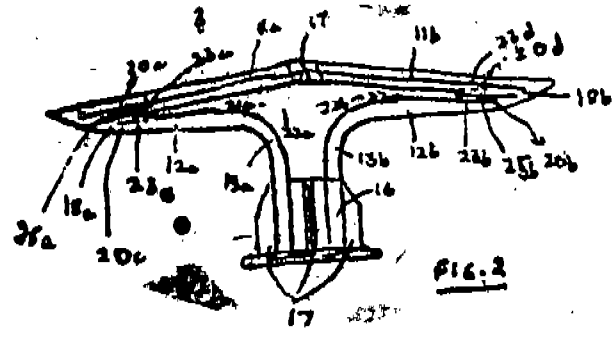
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (Rule 4 Patefit Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 13)

A plastic anchor for fastening objects to a substrate, which comprises of a base element, having first and second ends, the base element being integrally joined at its first end, to hingeable web elements extending outwardly away therefrom and merging with an anchoringelement comprised of pair of outstretched rear toggle arms which are in turn each attached to one of a pair of front arms, said front arms coverging toward each other to a position overlying the base element; with the rear and front arms being adapted to be folded together to from a collapsed anchoring element which is insertable into an aperture within the substrate, characterized in that the anchoring element is provided with space elimination means for substantially eliminating spacing between adjacently attached rear and front arms when the rear and front arms are folded together for insertion into the aperture within the substrate.

Ref. No. NIL.

Agent: Remfry & Sagar.



Complete specification 17 Pages and 3 Drawing Sheets.

Ind. Cl.: 76 DE. 180370

Int. Cl.: F 16 B 13/00, 12/00.

"AN OVER-CENTER INTEGRALLY MOLDED PLASTIC FASTENER."

Applicant: MECHANICAL PLASTICS CORPORATION, a corporation organised under the laws of the State of New York, United States of America, of Castleton Street, Pleasantville, New York 10570, United States of America.

Inventors: THOMAS W. MCSHERRY, U.S.A.
NATHANIEL H. GARFIELD, U.S.

Kind of Application: COMPLETE.

Application for Patent No.46/Del/91 Filed on Date 18-01-91.

Appropriate office for opposition proceedings (Rule 4 Patent Rules, 1972) Patent office Branch, New Delhi-11005.

(Claims-6)

An over-center integrally molded plastic fastener comprised of a base element (16) having an end integrally joined to hingeable webs, (13), (13b which extend outwardly away therefrom and merge with an anchoring element comprised of a pair of outstretched rear toggle arms (12a) (12b) and a pair of front toggle arms, (11) (11b) with the rear toggle arms (12a) (12b) each being attached to a different front arm, (11a) (11b) with a solid non-hinging connection, (14) (18a) (18b) the front arms (11a) (11b) in turn, converge toward each other to a position overlying the base element, with the front (11a) (11b) and rear arms (12a) (12b) being adapted to be folded together to form a collapsed anchoring element (10) of the fastener which is insertable into an opening (131) within a substrate, (130) wherein the front (11a) (11b) and rear arms (12a) (12b) expand, after passing through the opening to assume an over-center anchoring position, and with the base element (16) remaining substantially within the opening, (131) and wherein, in the over-center anchoring position, the rear arms (12a) (12b) are adjacent a surface of the substrate and bear a substantial portion of a load placed on the anchor with the rear arms (12a) (12b) bending, under increasing load, at the periphery of the connections (18a) (18b) between the rear (12a) (12b) and front (11a) (11b) arms, characterized in that said rear arms (12a) (12b) comprise reinforcement (300a) (34a) (34b) means which retard the bending at the periphery of the connections (18a) (18b) between the rear (12a) (12b) and front (11a) (11b) arms and which reinforcement means (34a) (34b) do not necessitate a larger insertion opening, said reinforcement (300 a/b) (34a) (34b) means comprises a small outwardly protruding boss (34a) (34b) integrally molded with each of the rear arms (12a) (12b) and the periphery of the connection (300a) (300b) between the rear (12a) (12b) and front arms, (11a) (11b) whereby the boss (34a) (34b) spans the connection (300 a, b) between front (11a) (11b) and rear arms (12a) (12b) and wherein each boss (34a) (34b) is aligned with the length of the rear arm (12a) (12b).

Ref. No.: Nil.

Agent: REMFRY & SAGAR

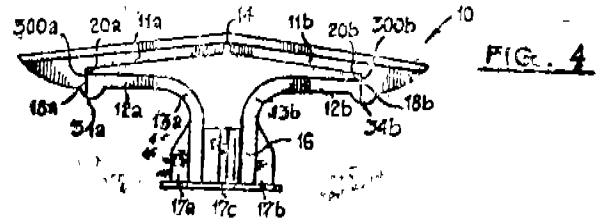


FIG. 4

(Complete Specification 11 Pages Drawing Sheets 3)

Ind. Cl.: 83 A1 A4 180371

Int. Cl4: C 12 N 1/16/A 21D 8/04

Title: A PROCESS FOR PREPARING BREAD USING NEW STRAINS OF BREAD-MAKING YEAST.

Applicant: LESAFFRE et Cie.

Inventors: 1. LOIEZ Annie nee HENNETTE
2. CLEMENT Philippe &
3. COLAVIZZA de

Application for Patent No. 285O/1992 filed on 27th April, 1992.

Appropriate Office for opposition proceedings (Rule 4 patent Rules 1972) Patent Office, Calcutta-20.

(11 Claims)

A process for preparing bread comprising

—preparing a dough,

—introducing yeast to the said dough,

—baking said dough in a known manner,

characterized in that said yeast is obtained from new broad spectrum strains obtained by

—selecting parent strains having in general good properties of multiplication on molasses, good mineral nitrogen assimilation and preperably good resistance to drying and having particularly remarable properties on normal dough or preferably on sugared doughts,

—sporulating the strains thus selected,

—carrying out selection tests among the haploids (segregates) thus obtained to detect those which will also have a high potential for maximum properties on the types of bakers' doughs on which the parent strain does not perform,

—crossing with one another the high potential haploids thus selected, and

—selecting hybrids obtained from these crossings by the same tests and subsequently by more complete selection tests,

the thus obtained broad spectrum strains having

—a high multiplication yield,

—good nitrogen assimilation,

—good glucose fermentation activity and

—preferably good resistance to drying, and presenting simultaneously all the following enzymatic activities:

—maltose-permease activity after growth of the yeast on glucose medium in the absence of maltose (Test T_2): at least 80 units and preferably at least 90 units, and

—maltose activity after growth of the yeast on glucose medium in the absence of maltose (Test T_2): at least 80 units and preferably at least 90 units, and

—invertase activity (Test T_3): less than 10 units and preferably more than 2 units.

Com. Spech. 54 pages; Drgs. 0 page.

Ind. Cl. - 128A 180372

Int. Cl[4] : A 61 F, 13/20

"APPLICATOR SLEEVE"

Applicant : Mc. Neil-PPC, Inc., of Van Liew Avenue, Milltown, NJ 08850, United States of America.

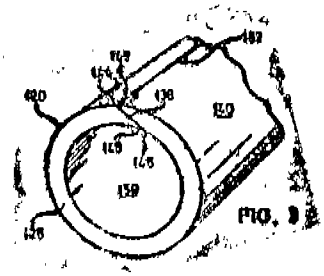
Inventors : 1. HANS-WERNER SCHOELLING,
2. DR. WOLFGANG RIEDIGER ,

Application for Patent No. 346/CAL/93 filed on 21-8-93.

Appropriate Office for opposition proceedings (Rule 4 patent Rules 1972) Patent Office, Calcutta-20.

15 Claims.

Sleeve for use as an outer sleeve and/or inner sleeve for a telescopic applicator, consisting of a blank composed of a plane-surface, rectangular length portion of a flexible, cellulose-containing material, the two ends of the blank being connected to one another to form a joining seam extending in the longitudinal direction of the sleeve and the two longitudinal sides of the blank forming the ends of the sleeve, wherein at least fore-edges (142, 144, 256, 258, 358, 448, 450, 528, 530) of the two interconnected ends (128, 130, 232, 234, 240, 242, 332, 334, 340, 342, 434, 440, 458, 534, 540, 554, 558) of the blank (132, 222, 322, 422, 522) which are located on the outside of the sleeve (120, 220, 320, 420, 520) are arranged parallel and close against one another and together are aligned with the circumferential surface of the tubular sleeve (120, 220, 320, 420, 520) so that the joining seam (132, 236, 336 436, 536) is essentially smoth and invisible on the outside of the sleeve (120, 220, 320, 420, 520).



(Com. Specn. : 19 Pages; Drgs. : 4 sheets.

Ind. Cl. : 31 (A) 180373

Int.Cl[4] : H01 G 9/24

THE METHOD OF MASS PRODUCTION OF SURFACE MOUNT SOLID STATE CAPACITOR.

Applicant : AVX Corporation of 750 Lexington Avenue New York 10022.

Inventor : IAN SALISBURY.

Application for Patent No. 393/Cal/93 filed on 7-7-93.

Appropriate Office for opposition proceedings (Rule 4 patent Rules 1972) Patent Office, Calcutta-20.

8 Claims.

The method of mass production of surface mount solid state capacitors which comprises the steps of providing a metallic substrate (10) mounting on said substrate a wafer (13) of powedered solid state capacitor forming metal like tantalum powder having a lower surface engaging said substrate (10) and an upper surface parallel to and spaced from said substrate sintering said wafer (13) and substrate (10) to bond the lower surface of the said wafer (13) with upper surface of the substrate (10) and to integrate the powder water into a porous mass dividing said wafer into a plurality of discrete units (15) by forming a first series of cuts (S1) in planes perpendicular to said substrate subjecting said wafer (15) to known process of anodizing to form a dielectric coating throughout said porous mass (15) forming a conductive counter electrode coating over said dielectric coating forming on the surface of the treated wafer (15) an electrical connection layer with the counter electrode coating a cathode plate (21) being affixed on the upper surface (22) of the electrical connection layer injecting insulating material (24)between said substrate and plate to substantially fill the voids between said discrete units of said wafer (15) formed

by said first series of cuts (S1) and thereafter forming a final series of cuts (S3) parallel to and in registry with said first series (S1) through said plate insulating material (24) and substrate (10).

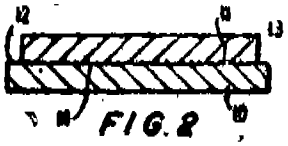


FIG. 2

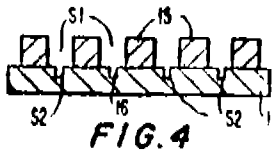


FIG. 4

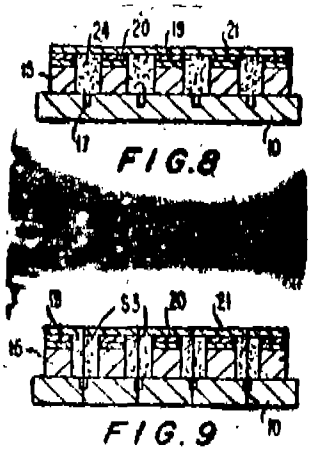


FIG. 8

FIG. 9

(Com. Specn. 23 pages; Drgs : 3 Sheets.

Ind. Cl. : 127 180374

Int. Cl.[4] : B 60 K-20/00

AN ELECTRICALLY ACTUABLE COMPUTER CONTROLLED SHIFTING APPARATUS

Applicant : EATON CORPORATION 1111 Superior Avenue Cleveland Ohio 44114 United States of America.

Inventors : 1. ALAN RICHARD DAVIS
2. DANIEL PAUL JANECKE
3. LEO ALLEN KOMINEK
4. CHIAU-CHIEH ONG.

Application for Patent No. 654/C/93 filed on 1-11-93.

Appropriate Office for Opposition proceedings (Rule 4 Patent Rules, 1972) Patent Office Calcutta-20.

4 Claims.

1. An electrically actuable microcomputer controlled shifting apparatus for gear shifts in an automated mechanical transmission comprising :

(i) a shift finger (10) adapted to move within shift blocks (11, 12, 13) in perpendicular directions with respect to each other;

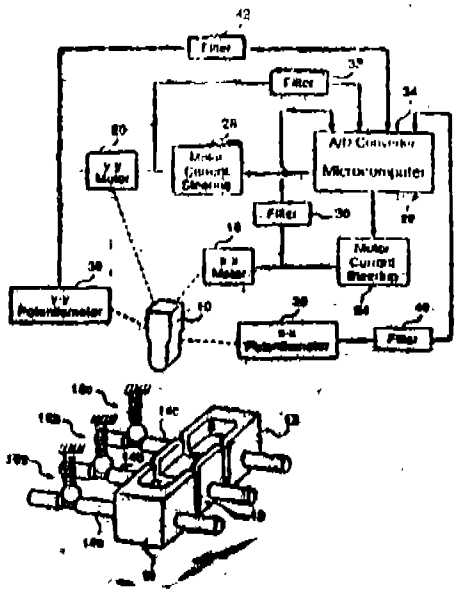
(ii) a pair of motors (18, 20) supplied with a variable duty cycle pulse width modulated voltage through steering logic (24, 26) and produces a current from the supplied voltage measured and filtered at filters (30 : 32) ;

(iii) an analog to digital convertor (34) to receive as input the filtered current from the said filters (30, 32) and converts the current to digital values as input to a microcomputer (28);

(iv) a pair of potentiometers (36, 38) which sense the position of said shift finger (10);

(v) a pair of filters (40,42) adapted to filter signal from the potentiometers (36, 38) and said analog to digital converter (34) which converts the digital values as input to the micro computer (28);

wherein said microcomputer (28) being connected to motors (18, 20) through the steering logic (24, 26) and the said microcomputer (28) being povided with said analog to digital conVerter (34) connected to the shift finger (10) through said potentiometer (36, 38) and said filters (40, 42).



(Com. Specn. 14; Drgs. 10 sheets.

Ind. Cl. : 32 (F-1) 180375

Int. Cl[4] : C 07 C 63/10

A PROCESS FOR PREPARING 4-HYDROXY-2, 3, 5-TRIFLUOROBENZOIC ACID

Applicant HOECHST AKTIENGESELSCHAFT D-6230 Frankfurt am Main 80 Federal Republic of Germany.

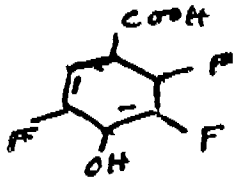
Inventors : 1. FALF PFIRMANN
2. RAINER WINGEN.

Application for Patent No. 750/C/93 filed on 2-12-93.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules 1972) Patent Office Calcutta-29.

12 Claims.

A process for preparing 4-hydroxy-2, 3, 5-trifluorobenzoic acid which has the formula



which comprises reacting 2, 3, 4, 5-tetrafluorobenzoic acid at a temperature range of 50°C to 180°C with a basic compound such as herein described in a concentration of 3 to 50% by weight based on the aqueous solution or suspension adding if desired a fluoride scavenger such as herein described bring the resulting reaction mixture to a pH of 0 to 6 by addition of an acid such as herein described and isolating the 4-hydroxy-2, 3, 5-trifluorobenzoic acid formed.

Com. Specn. 11 Pages; Drgs. Nil

Cl. : 186 C 180376

Int. Cl.[4] : H 04 N 5/60.

"APPARATUS FOR PROCESSING A TELEVISION SIGNAL"

Applicant : THOMSON CONSUMER ELECTRONICS, INC., of 600 North Sherman Drive, Indianapolis, Indiana-46201, United States of America.

Inventors : 1. JOSEPH WAYNE FORLER
2. JOHN FREDERICK TESKEY
3. MICHAEL DAVID LANDIS.

Application No. : 798/Cal/1993 filed on 20th December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

4 Claims

Apparatus for processing a television signal comprising a video component (VIDEO IN) and a related audio component (AUDIO IN) corresponding to respective visible and audible portions of the said television program, said audio portion containing a spoken portion related to said visible portion of said television program, said video component containing an auxiliary information component corresponding to a visible representation of said spoken portion of said television program, comprising :

Video signal processing channel means (100) responsive to said video component for generating a video output signal (VIDEO) corresponding to said visible portion of said television program ;

Closed caption decoder and on screen display processor means (110, 120) responsive to said auxiliary information component for selectively generating an auxiliary information output signal (OSDOUT) corresponding to said visible representation of said spoken portion of said television program;

Switch means (130) for including said auxiliary information output signal, when generated, in said video output signal for displaying said visible representation of said spoken portion of said television program together with said related visible portion of said television program;

Audio signal processing channel means (15) responsive to said audio component for generating an audio signal (AUDIO) corresponding to said audible portion of said television program;

characterized by :

Switch means (160) for inhibiting said audio signal (AUDIO), when generated, from being included in said audio output signal (AUDIO OUT) during a predetermined operating condition of said system; and

Control unit means (140) repsonsive to said predetermined operating condition of said system for, in a first mode, controlling said switch means (130) to include said auxiliary information output signal in said video outoput signal during said predetermined operating condition, and for, in a second mode, controlling said switch means (130) to exclude said auxiliary information output signal from said video output signal during said predetermined operating condition.

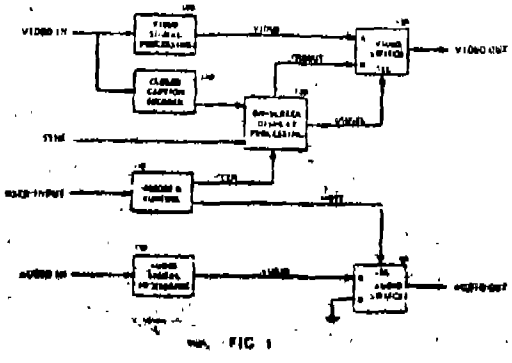


FIG. 1

Compl. Specn. : 12 pages. Drgns : 3 Sheets

Cl. : 155 B 155 C 180377

Int. Cl. : E 04 F 13/16.

"WATERPROOFING PANEL FOR TERRAIN AND HYDRAULIC AND CONSTRUCTION WORKS, AND PROCESS FOR PRODUCING THE SAME".

Applicant : LAVIOSA CHIMICA MINERARIA S.P.A., of 6 Scali D'Azeglio 57123 Livorno, Italy.

Inventor : ATHOS RINALDI.

Application No. 258/Cal/94 filed on 11th April, 1994.

Appropriate office for opposition proceedings (Rule 4, Patent Rules 1972), Patent Office Calcutta.

15 Claims

Waterproofing panel for terrain and hydraulic and construction works, comprising a layer of granular bentonite glued between two permeable synthetic fabrics, characterized by the fact that it comprises a copolymer of acrylic esters of low grade alcohols as an adhesive.

Compl. Specn. : 16 pages; Drgns : Nil.

Cl. : 32 F.1 180378

Int. Cl. : A 01 N 29/04.
C 07 C 25/22, 25/24

AN IMPROVED PROCESS FOR MAKING 5-CHLORO-2, 3-DIHYDRO-1H-INDEN-1-ONE.

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY, of Wilmington Delaware, United States of America.

Inventors : (1) DONALD JOSEPH DUMAS
(2) DAVID RICHARD CORBIN
(3) SOURAV KUMAR SENGUPTA

Application No. 398/Cal/95 filed on 6th November, 1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Calcutta.

10 Claims

A process for making 5-chloro-2, 3-dihydro-1H-inden-1-one comprising contacting 3-chloro-1-4-chlorophenyl-1-propanone with a catalyst selected from sulfuric acid or solid acid catalysts having a silicon to aluminum ratio of 2.0 to 150, the sulfuric acid catalyst being used at a temperature 90-150°C under conditions wherein a solution of the reactant in an inert solvent such as herein described is added to the reaction mixture, which mixture comprises any 5 chloro-2-3-dihydro-1H-inden-1-one already produced, sulfuric acid, any 3-chloro-1-(4-chlorphenyl)-1-propanone not yet reacted, at a rate of 0.05-1.0 moles of 3-chloro-1-(4-chlorophenyl)-1-propanone per liter of sulfuric acid per hour, and the solid acid catalyst being used at a temperature of 200-425°C under conditions where the 3-chloro-1-(4-chlorophenyl)-1-propanone is fed to the catalyst at a flow rate of 0.5-10 grams of 3-chloro-1-(4-chlorophenyl)-1-propanoneper gram of catalyst per hour.

Compl. Specn. : 13 pages; Drgns : Nil.

Cl. : 32 F (2b) 180379

Int. Cl. : C 07 D 239/46

A PROCESS FOR THE PREPARATION OF 4, 6-DIMETHOXY-2-(PHENOXYCARBONYL-AMINO)-PYRIMIDINE",

Applicant : E.I. DU PONT DE NEMOURS AND COMPANY, of Wilmington, Delaware, United States of America.

Inventor : JOSEPH JOHN MROWCA.

Application No. 427/Cal/1996 filed on 11th March, 1996.

(Convention No. 08/404, 215 on 14-3-95 in U.S.A.)

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

10 Claims

A process for the preparation of 4,6-dimethoxy-2-(phenoxycarbonyl-amino)-pyrimidine comprising reacting 2-amino-4,6-dimethoxy-pyrimidine and phenyl chloroformate in at least stoichiometric amounts in an inert solvent selected from 1-4, dioxane and tetramethylurea and at a temperature of from 10° to 45°C.

Compl. Specn : 6 pages; Drgns : Nil.

Cl. : 83 B. 1 180380

Int. Cl : A 01 J 11/00
A 23C 3/04.

"CONTAINER FOR FAST COOLING USED FOR PRESERVATION OF MILK AT OPTIMAL TEMPERATURE".

Applicant : N. R. DEVELOPMENT LIMITED, of Russel Court, St. Stephen's Green.

Inventor : ALBERTO GILL RALDI.

Application No. : 915/Cal/1996 filed on 20th May, 1996.

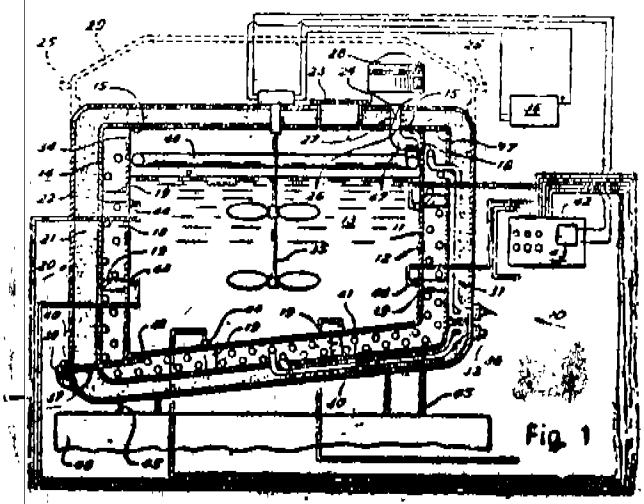
(Convention No. MI95A 001093 on 26-5-95 & MI95A 001294 on 16-6-95 in Italy)

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

29 Claims

Container for fast cooling of milk and its holding at a predetermined optimal preservation temperature and characterized in that it comprises a body (11) consisting of an internal recipient (12) defining a tank (13) for containing the milk, an intermediate shell (14) surrounding the internal recipient

(12) and connected in a sealed manner therewith to define therebetween a jacket (18) having a liquid with a freezing temperature lower than said preservation temperature and to define a cooling wall of the recipient (12), ducts (30) arranged in jacket (18) for circulation of a cooling fluid, said container covered with an insulating external shell (20).



Compl Specn : 20 Pages :

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172062 granted to Alladi Prabhaker, for an invention relating to "AUTO GENERATOR STARTER".

The Patent ceased on the 20th Dec. 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India Part III, Section 2 dated the 10th January, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020, on or before the 24-3-1998 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within on month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 173428 granted to Ausimont S.R.L for an invention relating to "Process for preparing peroxide perfluoropolyethers".

The Patent ceased on the 18th April, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 10th January, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M S O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta 700 020 on or before the 24th March, 1998 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is here by given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 173708 granted to Centro Nacional De Investigaciones cientificas. for an invention relating to "A PROCESS FOR PREPARING A MIXTURE OF HIGHER PRIMARY ALIPHATIC ALCOHOLS HAVING 24 to 34 carbon atoms from sugar cane wax. The Patent ceased on the 10th Dec., 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th January, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 24-3-1998 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 173716 granted to AUSIMONT S.R.L. for an invention relating to "PROCESS FOR PREPARING PEROXIDIC PERFLUOROPOLYETHERS".

The Patent ceased on the 18th April, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 10th Jannary, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 24-3-1998 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application was made under Section 60 of the Patents, Act, 1970 for the restoration of Patent No. 176700 granted to L'AIR LIQUIDE, SOCIETE ANONYME POUR ETC, for an invention relating to "AN APPARATUS FOR VAPORIZING OXYGEN AND CONDENSING NITROGEN".

The Patent ceased on the 31st June, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 10th January, 1998.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 24-3-1998 under Rule 69 of the Patents Rules, 1972, A written statement, intriplicate, setting out the nature of the opponents inerest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice,

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 177048 granted to Energy conversion Devices, Inc. for an invention relating to "A SEALED RECHARGEABLE HYDROGEN STORAGE ELECTRO-CHEMICAL CELL."

The Patent ceased on the 1st Oct, 1997 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part-III, Section 2 dated the 10th January, 1998.

Any interested person may give notice of opposition to the restoration by leavidga notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 24-3-1998 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice

AMENDMENT PROCEEDINGS UNDER SECTION-57

Notice is hereby given that HUG MEDICAL PRIVATE LIMITED, an Indian Company of No. Smith Road, Madras-600 002, Tamil Nadu, India, have made on application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 176647 for "A SUCTION DRAIN FOR DRAWING OFF BODY FLUIDS."

Amendments are by way of change of name from "ORMED MEDICAL TECHNOLOGY LIMITED" at 'Crown Court', 6th Floor, 34, Cathedral Road, Chennai-600086, Tamil Nadu.

The application for amendment and the proposed amendments can be inspected free of charge at patent office, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 or copies of the same can be had on payment of the usual coying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this Notification at the Patent Office 234/4 Acharya Jagadish Bose Road, Calcutta-700 020. If the Written Statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

168230	173290	175685	169800	169839	168972	172391
171379	165989	168564	171008	174662	174663	178164
161913	175935	177795	178334	178356	177632	176220
171007	176330	175831	178339	178340	165862	166533
167700	167944	171208	171742	175964	176202	177591
177592	177779	178103	178203	178307	178317	178361
178015	165282	173477	175581	172523	175766	176193
169954	171972	170236	170844	174444	173788	174992
175778	176182	175589	176481	178167	174113	178262
178337	176287	172243	178365	177548	177620	177774
177958	178163	178194	178210	178241	178244	178248
178249	178271	178274	178304	178305	178309	178311
178312	178313	178320	178331	178335	178351	178360
178364	177604	177810	165825	168806	172856	173427
175944	163080	163195	163353	164369	165321	166032
166191	164331	170936	171654	171973	174025	171397
171823	170722	171652	167368	166522	168503	169021
169041	169042	167362	169929	175866	175657	176986
177376	177644	174833	175656	178336	177657	164736
165591	172342	169519	163256	163570	175036	176185
177033	171302	171303	172161	173897	170972	175212
176491	163566	170978				

PATENT SEALED ON 26-12-1997

177527*	178202	178452	178457*
178459*	178460*	178462*	178463
178464*	178465*	178466	178467
178468	178469	178470*	178471
178472	178473	178475	178476*
178477*	178478	178479*	178480*
178481*D	178482*D	178483*D	178484*D
178486*D	178487*D	178488*D	178489*D
178490*D	178491	178495	178496
178497	178498	178499*D	178500
178501	178502	178503*	178504
178505	178506	178507*D	178508*D
178510*			

CAL—02, DEL—31, MUM—10, CHEN—06,

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 01. No. 172574, Plasto Metal Engineering (I) Pvt. Ltd., F-32 Sector 6, Noida-201301, U.P. India an Indian Company, "ELECTRIC FUSE", 26th November, 1996.

Class 03. No. 172570, Jyoti Industries, a regd. partnership firm, having its office at - 914, Electron House, Century Mill Passage Road, Near Century Bazar, Worli, Mumbai-400025, Maharashtra, India, "AUTO STRAINER (CHOCK-STOP), 11th November, 1996.

Class 03. No. 172590, Alfred Von Schuckmann, of Winnekendonker Str. 52, D-47627 Kevelaer Germany, a German National, "A INHALER/ INHALING DEVICE" 11th November, 1996.

Class 04. No. 171988, Lustre Tiles Ltd., a company incorporated under the Indian Comp. Act, 1956, C-4, Main Shopping Centre, Paschimi Marg, Vasant Vihar, New Delhi-110057, India "TILE" 16th August, 1996.

Class 04. No. 171898, Jagdale Industries Ltd., an Indian Company at 27 Bull Temple Road, Basavangudi, Bangalore-560004 Karnataka, India. "BOTTLE", 30th July, 1996.

Class 04. No. 172654. Kodeman India Pvt. Ltd., an Indian Company No. 522, 17th 'D' Main, 6th 'E' Cross, 6th Block, Koramangala, Bangalore-560095, Karnataka, India, "BOTTLE", 20th November, 1996.

Class 04. No. 174108, M/s. Deejay Distilleries Pvt. Ltd., at Kolovli Post Bawade, Vangaon, Tal : Dahanu; Distt. Thane- 401103, Maharashtra, India, "BOTTLE", 19th July, 1997.

Class 05. Nos. 173005 & 173006, Avinash Papers, an Indian partnership firm whose partners are Jyestharam Sharma, Radhe Shyam Nowal and Ratan Lal Nowal, all Indian having its principal place of business at 167 Old China Bazar St., Calcutta-700001, West Bengal, India, "WRAPPER", 22nd January, 1997.

Class 10. No, 172508, Santosh Rubber Industries of 12-A/161-A, Industrial Area, Nunhai, Agra, U. P., India, an Indian Proprietory concern whose proprietor is Sri Dharam Pal Matta of above address and is Indian by Nationality, SOLE OF FOOTWEAR" 30th October, 1996.

Class 10. No, 173088, Dhupar Shoe Aid Pvt. Ltd., 7/82, Tilak Nagar, Kanpur, U. P., India, an separate entity body which are registered under the provision of Comp. Act, 1956, "SOLES OF FOOTWEAR", 3rd February, 1997.

Class 10. Nos. 172820 to 172823, Surinder Singh Gandhi & Jasbir Singh Gandhi, both Indian National, partners of Metro Plastic Industries (Regd.) an Indian Company of C-131, Naraina Industrial Area, Phase I, New Delhi-110028, India. "FOOTWEAR", 17th December, 1996.

T. R. SUBRAMANIAN
Controller General of Patents Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
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